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Directory of the Grain Trade

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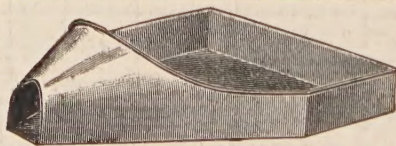
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THE RUSSELL MILLING COMPANY

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HELP**



I TELL YOU, BOYS, this little old shack's been runnin' a sight longer time than most of you have been kicking around the world, and it's been a mighty good old friend o' mine, too.

I never did work too hard and never did a half o' my share o' worryin'.

Back in '85 when my old friend Jim Jones sold his elevator, and went over with the Sidney Line, I saw the light and took his suggestion.

He says to me, "Bill, you just take my advice and you'll be in easy street in no time. Quit doin' your work by hand and put in Sidney machines."

I thought a whole lot o' Jim in those days, and I put in all the machines he said to and by heck I think more o' him now 'an I ever did before. Bill was the makin' o' me. Those doggone machines just ate up the work and made me more money than I ever saw before.

After Jim went over to the Sidney crowd, and Hoskins got out of his place then a lot of the other boys who knew the game on this side of the fence went over.

Their bloomin' machine's almost human, do the work so good.

Anyhow, its me for the Sidney Line every time I buy a new sheller or cleaner. It's always a little better than the one that I had before. Yep, me for the Sidney Line all the time, and if you young ones' take my tip, its you too for the Sidney Line.

THE PHILIP SMITH MFG.CO
SIDNEY OHIO



Figure It Out!

When a department head is summoned to the manager's office, both lose more time than the interview consumes—the department head in coming to the office and going, and the manager in awaiting his appearance.

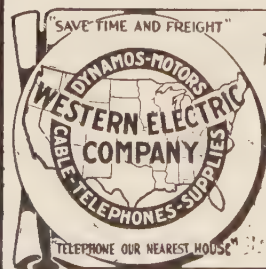
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Consider an organization with eight department heads. Each of them consumes not less than an average of fifteen minutes per day in trips to other departments. At the rate of \$1.00 per hour this amounts to a loss of \$600.00 a year. The average cost of installing a complete eight-station Inter-phone system is approximately \$40.00 per station, or \$320.00. The fixed

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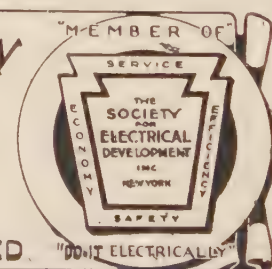
Write for our booklet — "When Minutes Mean Money."



Western Electric Company

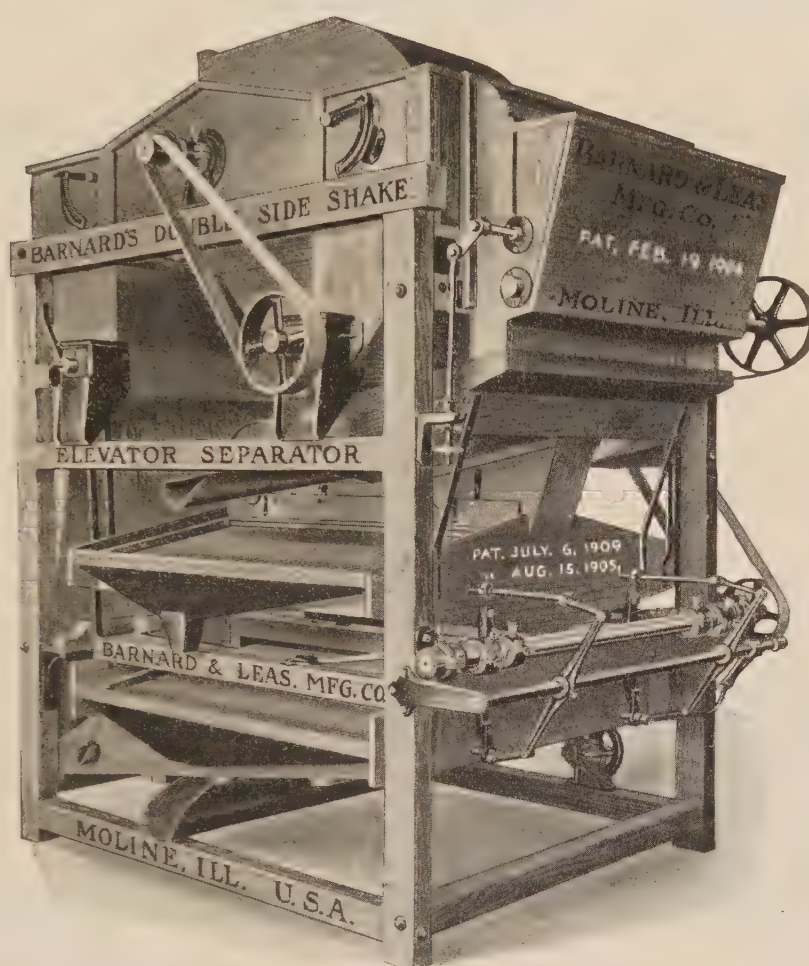
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Counterbalanced and adjustable sieves. Adjustable and self-oiling eccentrics. Clean floors and cold bearings. Dust proof, mechanically oiled bearings. Double aspirations. Effective settling chambers that rival a dust collector in efficiency. A sieve cleaning device that works underneath the sieves and lifts the clogged material out. Scientifically designed fan and suction legs, maintaining a steady, controllable, pulseless pull of air through the wheat.

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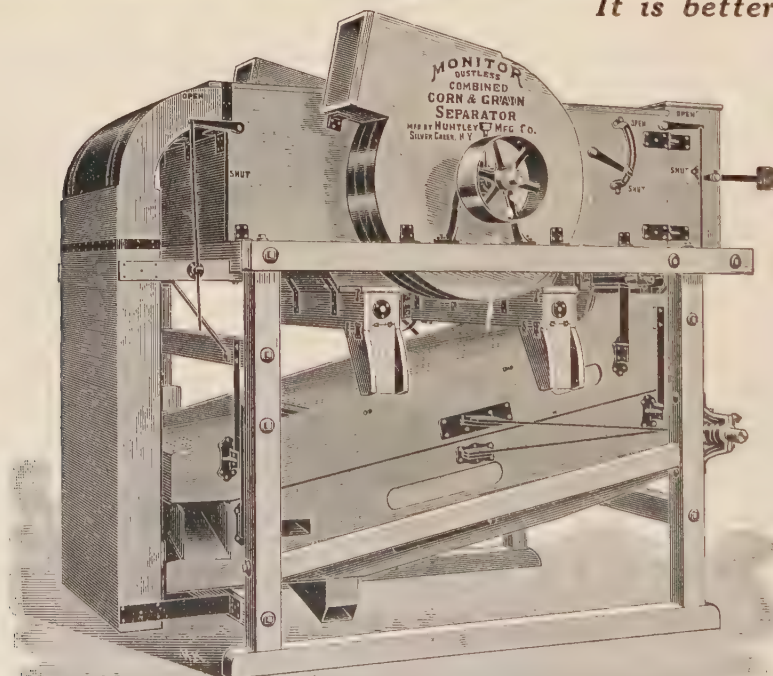
It puts you safe on the new Federal Corn Grades

Safe—protected against loss in cleaning the corn you handle to conform with the new Federal Corn Grades act. Hundreds of grain dealers are wondering, we might say worrying, about their cleaning—they are **not** users of this "Combined" Cleaner, a machine which **easily** and **economically** performs cleaning that will put corn to the new grades with the **least** shrinkage loss, care and attention and expense for power and upkeep. As a Corn Cleaner, it meets every demand, while also it is a "Combined" Cleaner which handles small grains. Has two counter-balanced shakers, each carrying an independent set of screens, one for corn, one for small grains and changed from one to the other by simply throwing over a valve—the machine is not stopped to make the change. Get posted. See our list of hundreds of users. This machine is **different**, it's a sturdy, compact, strictly high-grade specimen of heavy-duty Cleaner designed for the man who wants steady service **and years of it**. What it **saves** compared to any other Cleaner will soon pay for it.

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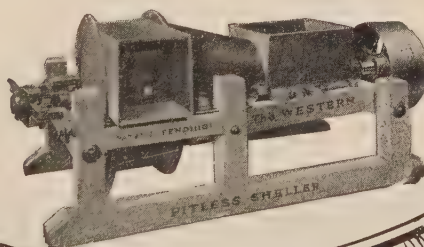
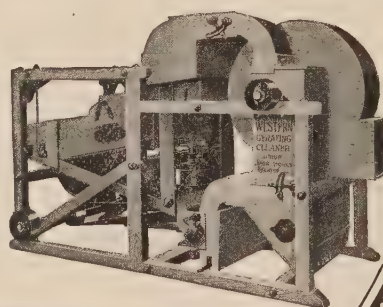
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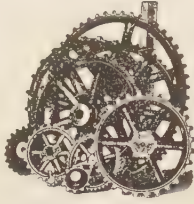
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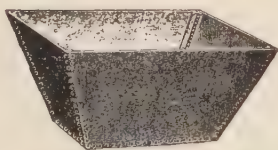
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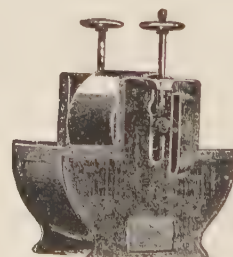
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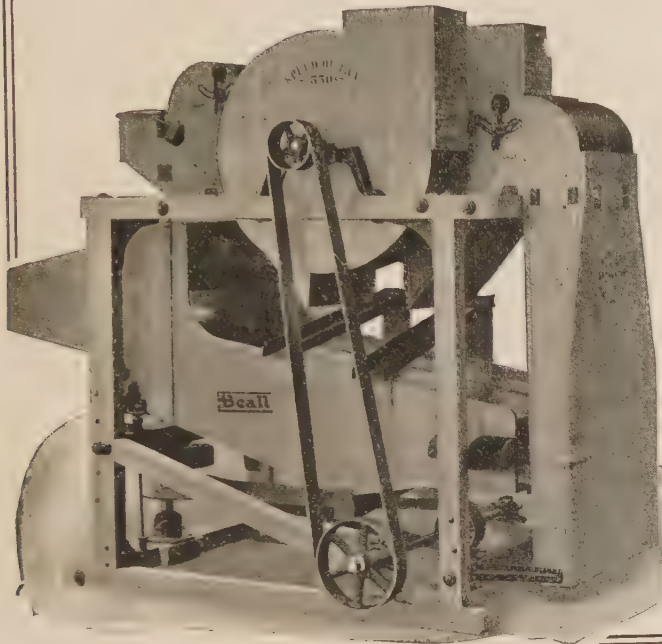
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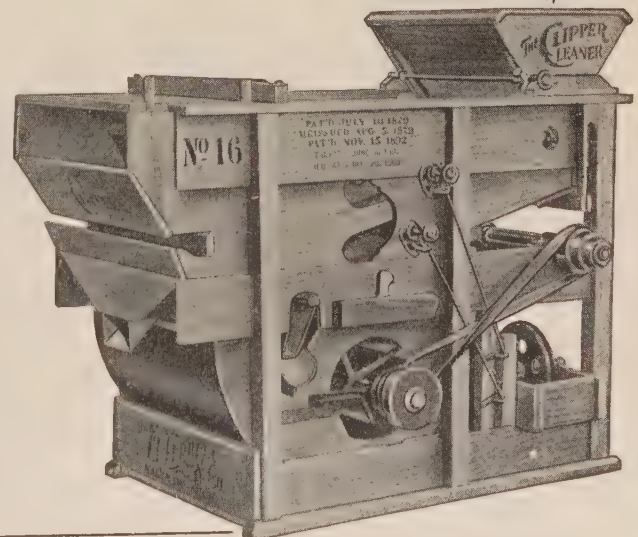
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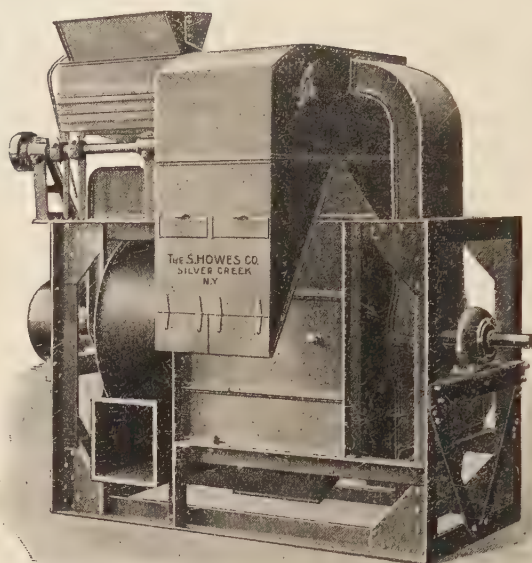
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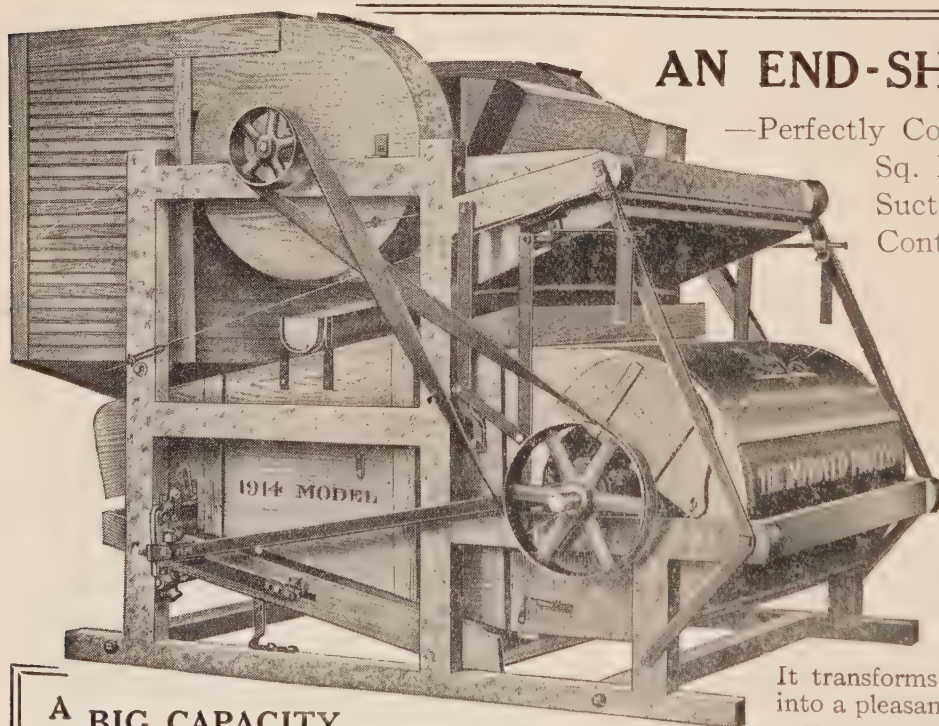


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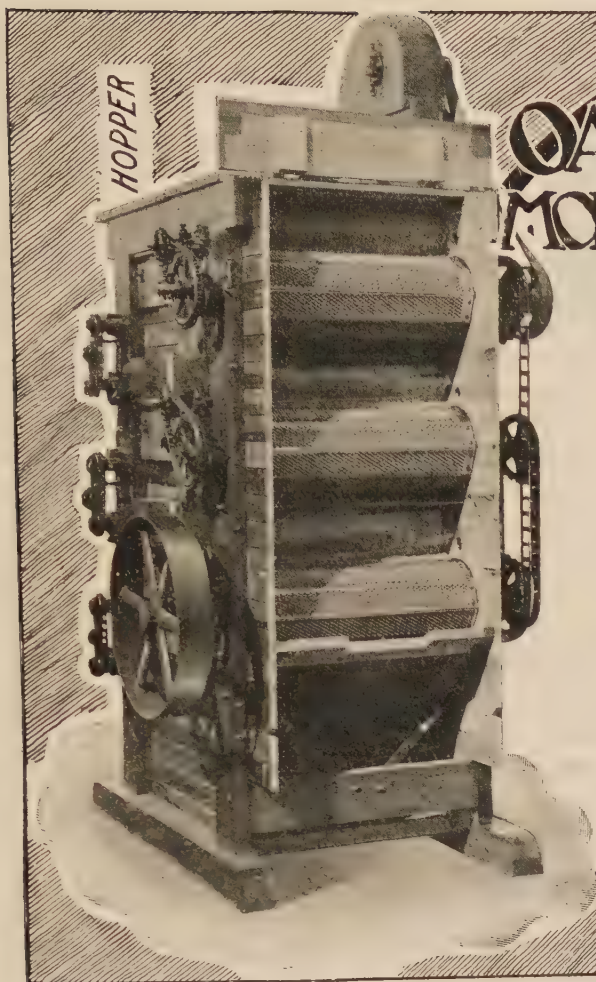
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In two months the savings paid for the machine.

Handles separations that other machines failed to accomplish.

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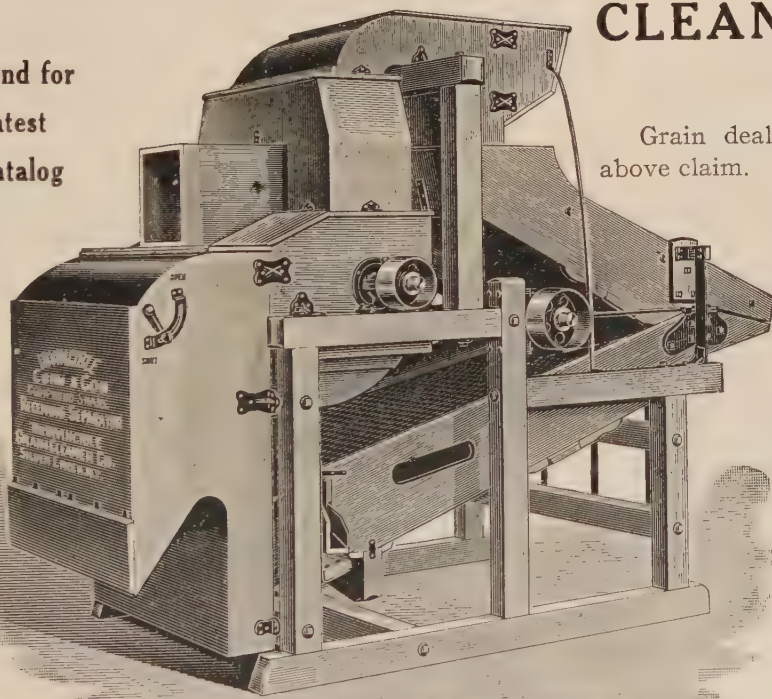
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We guarantee this machine will take the Corn and Cob mixed from the Sheller and in one operation deliver the corn clean and ready for market.

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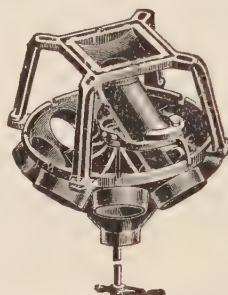
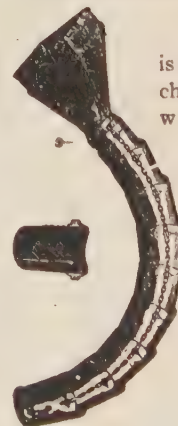
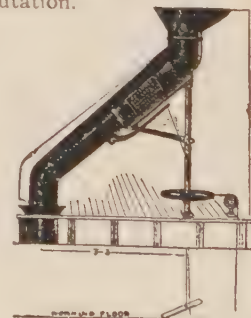
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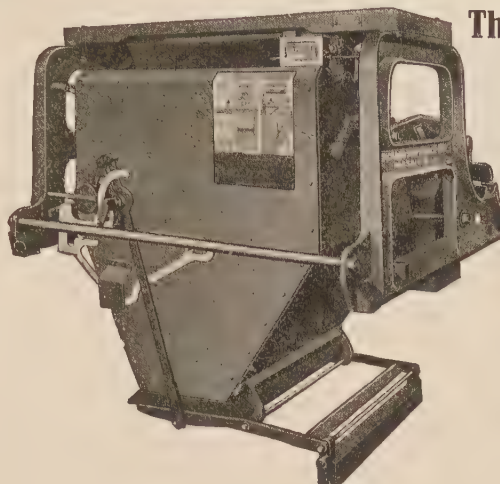
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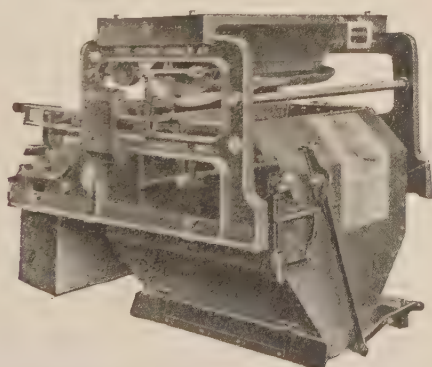
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An attractive, convenient Bulletin for posting the prices you are bidding for grain, seeds and hay, will save you money.

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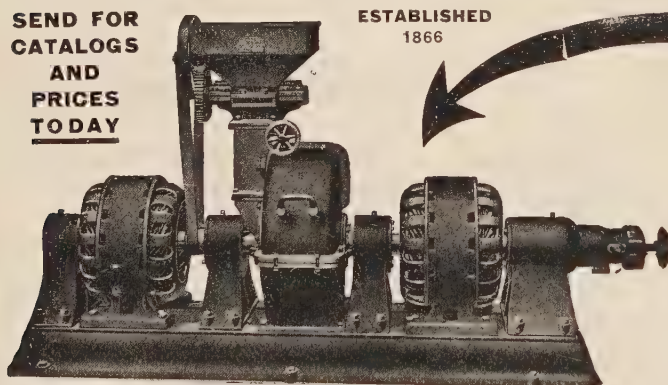
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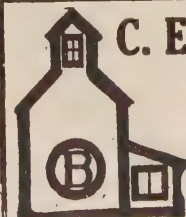
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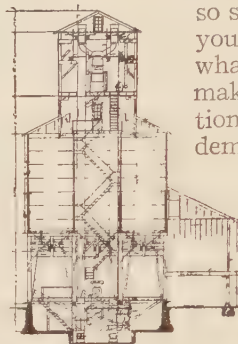
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Grain Dealers Journal

La Salle Street,

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CAR ORDER BLANKS

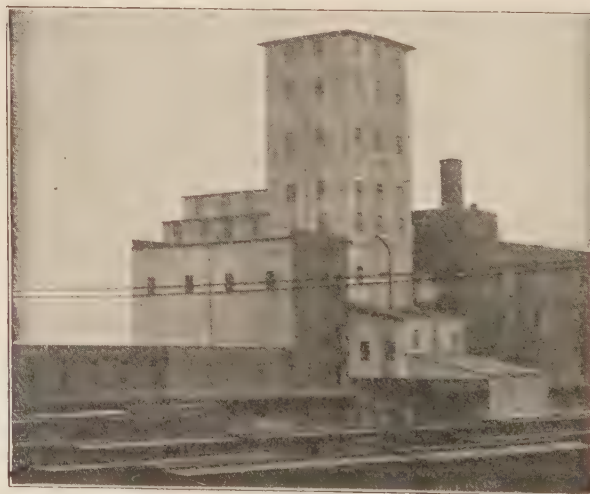
FORM 222 C. O. So many grain shippers are experiencing difficulty in obtaining cars, many are now keeping a carbon copy of each order for cars, in order to keep an accurate record of their efforts to obtain cars, to facilitate proving delay by railroad company and to encourage railroad agents to heed shippers' needs. Car order blanks are put up in books of fifty, with machine perforations, so that order can be torn out and sent to carrier's agent and carbon copy be retained in book. Fifty orders and 50 duplicates in each book. Price, 50cts.

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30,000 bu.,	4,150- 9,000
35,000 bu.,	4,450- 10,200
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In using this book the dealer minimizes the chance of making errors by posting from original entries.

The book is ruled with column headings as follows:
Date; L. F.; L. F.; Kind of Grain; Remarks; Gross; Tare;
Net; Bushels; Pounds; Price; Amount.

The book contains 240 pages, size 10½x15½ inches. The best linen ledger paper is used. The regular ledger index in front will accommodate all names necessary. The book is bound in extra heavy cloth covers with leather back. Price, \$2.50.

GRAIN DEALERS JOURNAL

315 So. La Salle Street CHICAGO, ILL.

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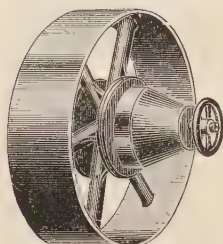
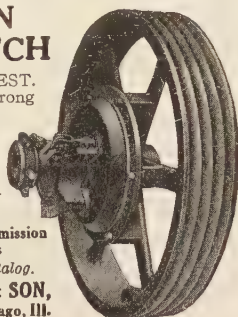
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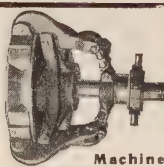
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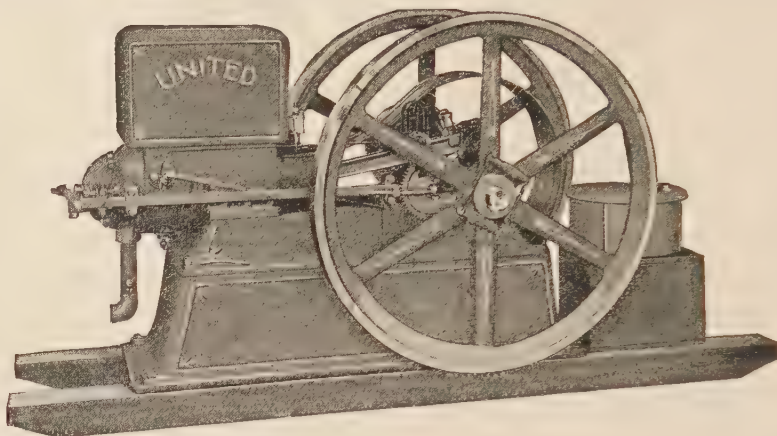
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4 1/2	1,000 lbs.	4 1/2 in.	8 in.	27 in.	1 3/4 in.	175 lbs.	12 x 6	375	105.00
6	1,700 lbs.	6 in.	10 in.	40 in.	2 in.	250 lbs.	18 x 8	300	150.00
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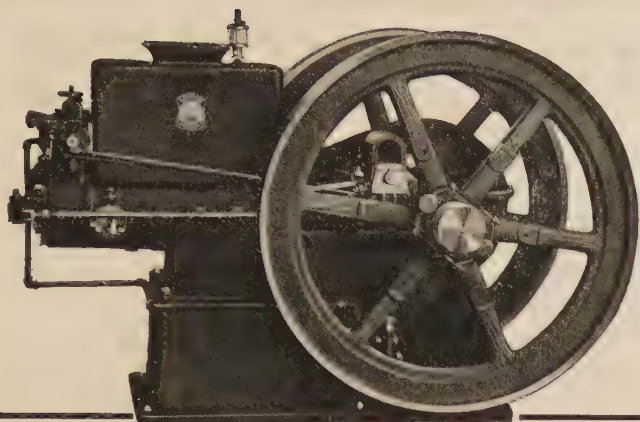
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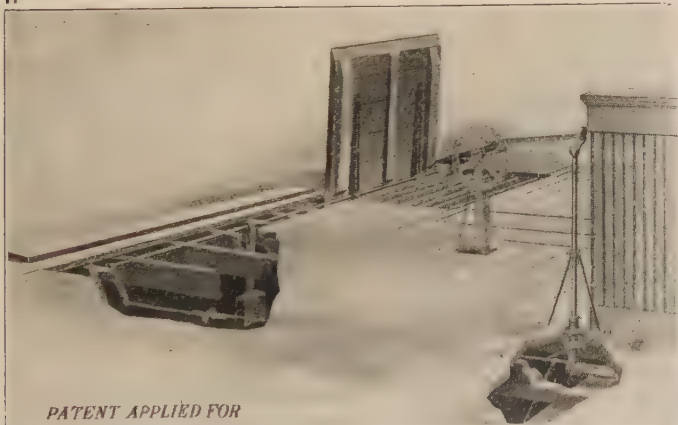
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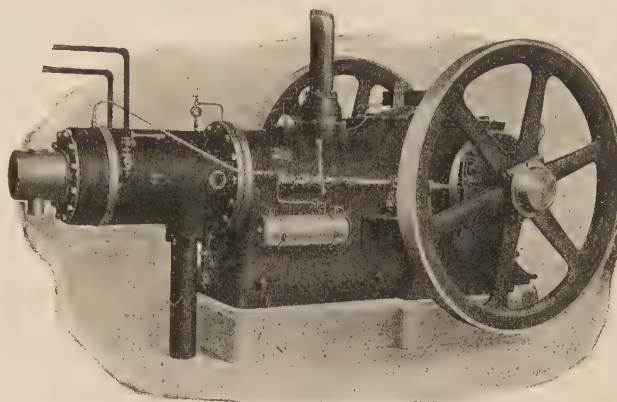
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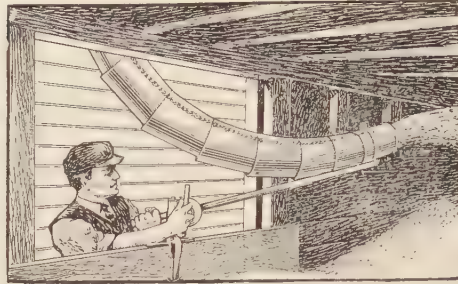
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The Mattoon Car Loader AND GRAIN CLEANER

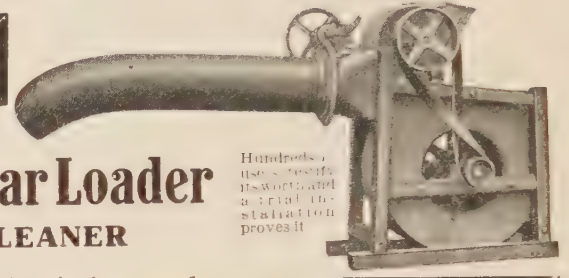
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We get the order and you get top price because of the cleaner grain you ship.

MATTOON GRAIN CONVEYOR CO., MATTOON, ILLINOIS



Hundreds use it, results disprove a trial installation proves it

THRESHER MEN

Send postal for complete information about the **PATTERSON FAN STRIPPER**

a simple invention for wind stackers. Prevents all slugging and jerking and wearing of fan blades. Stops wearing of housing. Worth \$5.00 to \$15.00 every day you run thresher or huller. Thoroughly tested during season of 1913. We furnish proof. Can be attached to any machine in one hour. **COSTS ONLY \$6.00.** Absolute satisfaction or money returned. Address promptly—

THE PATTERSON-CLARK CO.

"PRACTICAL INVENTIONS"

1219 Colcord Bldg., OKLAHOMA CITY, OKLA.

Grain Dealers Everywhere Are Using The Automatic Dump Controller



Entirely under the driveway floor and takes up no room.

Easily attached to a rail, platform or dump scale.

Has control of the dump from the time that the trigger is pulled and causes it to settle down easily and without the least jerk or jar.

Shipped on 30 or 60 days' trial

Also build

Grain Elevators

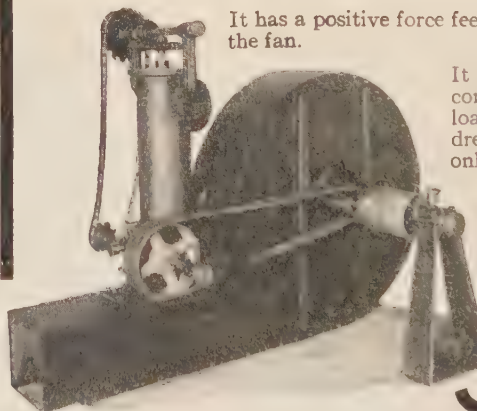
Write for plans and estimates.

L. J. McMILLIN

Board of Trade Building
INDIANAPOLIS, IND.

If you want the best machine for handling grain in any condition, look over the

Bernert Pneumatic Conveyor



It has a positive force feed, that can be used anywhere ahead of the fan.

It will not crack or bruise grain, in any condition, dry or wet. It will convey and load cars, just as effectually, several hundred feet away as if the distance were only ten feet. It will do elevating, and transfer around angles. It will trim the largest boat to the fullest capacity, quickly and effectually. It will deliver the material where desired. For more information, write for catalog No. 5 to

BERNERT MFG. CO.

759 33rd St.

Milwaukee, Wis.

WANT ADS

in the GRAIN DEALERS JOURNAL make wants known to everyone connected with the grain trade. If you desire to buy or rent, sell or lease an elevator or anything used by grain dealers, try a JOURNAL want ad twice a month and your want will soon be satisfied.

"The Roll of Honor"

The reputation of the W. H. Johns-Manville Company has been earned by an unwavering purpose to make only the best materials. Its record of over half a century of roofing achievements is unparalleled, and the full force of this record is behind each roll of

J-M ASBESTOS ROOFING

"The Roll of Honor"

To ask for "J-M" is synonymous with asking for "The best money can buy." There is not a single doubtful inch in any roll of J-M Asbestos Roofing. Made from pure Asbestos Rock and Trinidad Lake Asphalt, it is a sheet of pliable stone. Being rock it endures on its own inherent qualities and requires no protection, such as paint, gravel or sand.

Gives excellent fire protection. This roofing keeps a building from 15 to 30 degrees cooler than ordinary roofing because its white surface reflects the heat and because of the remarkable insulating properties of Asbestos. Furnished in ready-to-lay or built-up form.

Every roll made by a \$5,000,000 company whose only known standard has always been "Honest Quality."

Users of rubber type roofings can get J-M quality in J-M REGAL ROOFING

J-M CLEATS, the most efficient roof fastener, furnished free with these roofings in ready-to-lay form.

H. W. JOHNS-MANVILLE CO.

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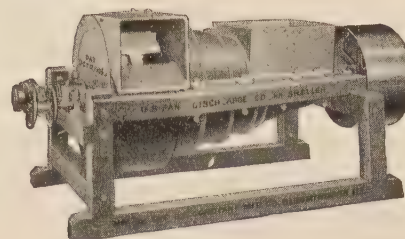
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U. S. Corn Sheller

Pat. Oct. 17, 1905



ANOTHER UNSOLICITED TESTIMONIAL

Scircleville, Ind., Dec. 26, 1913

Gentlemen:

Enclosed please find check for \$120.00, Inv. 11-1-13, and trust same will be found correct. Sheller is O. K., and we are more than pleased with it.

Yours truly,

SCIRCLEVILLE GRAIN CO.

The above sheller is mounted on a wood frame, has reinforced shells which bolt underneath and on top of the frame, making it the quickest repaired of any sheller on the market. The cylinder is separate from the fan and in three sections. The fan is of new design which eliminates the past dust annoyance.

Investigate before buying elsewhere.

THE B. S. CONSTANT MFG. CO.
BLOOMINGTON, ILL.

"International Feeds Fill International Needs"

Delay Means Higher Prices

Prices on International Feeds are right now at their lowest for July and August shipments. Dealers everywhere are taking advantage of this *exceptional buying opportunity* and sending in their orders *now* for shipment during July and August. Look ahead. Buy *now* at present low prices. Be prepared to supply the heavy demand for Fall and Winter Feeds, which we create by our powerful consumer advertising.

International Feeds

Here's the complete list. Read it over:

Dan Patch Special Horse Feed—A World's Champion Horse Feed formulated and endorsed by Mr. M. W. Savage, owner of the World's Champion Pacing Horse, Dan Patch 1:55.

International Special Dairy Feed—A ready ration for dairy use. Costs less than ordinary grain feed. You cannot buy a better milk-producing ration than International Special Dairy Feed.

International Climax Feed—Costs less money than Special Dairy Feed and is giving splendid satisfaction wherever sold.

International Sugared Hog Feed—A concentrated feed for mixing with grains. Fattens hogs rapidly, makes pigs grow, keeps them healthy.

International Sugared Cattle Feed—A concentrated feed for mixing with grains. Fattens cattle quickly and gives a fine finish.

International Poultry Feed—A scientific blending of wheat, corn, oats, barley, Kafir-corn, sunflower seed. Increases egg production and keeps fowls in healthy condition.

International Chick Feed—The best feed ever put up for chicks. A sure seller—a sure repeater.

International Calf Meal—A complete and cheap substitute for milk. Grows calves at a low cost without milk.

Don't put this paper down and say "Some day I'm going to write to the International Sugar Feed Company and ask them all about their line of feeds." Talking won't get you the money—it's *action* that counts. Write for the facts—today.

International Sugar Feed Company
Dept. FC Minneapolis, Minn.
Mills at Minneapolis and Memphis

(23)

Wagon Loads Received

A book for the use of country grain buyers in keeping a record of grain received from farmers.

Its column headings are: Month, Day, Name, Kind, Gross and Tare, Net Pounds, Bushels, Pounds, Price, Dollars, Cents and Remarks.

The book is 9½x12 inches, 160 pages, 20 lines to each page, giving room for recording 3,200 loads, printed on Linen Ledger Paper and is well bound in strong board covers with leather back and corners. Order Form 380.

Price, \$1.50

GRAIN DEALERS JOURNAL

315 South La Salle St. CHICAGO, ILL.

Record of Cars Shipped

Is a book designed especially for country shippers in keeping a complete record of each car of grain shipped.

It is ruled to meet the needs of the grain dealer's business. The column headings are: Date Sold, Date Shipped, Car No., Initials, To Whom Sold, Destination, Grain, Grade Sold, Their Inspection, Discount, Amount Freight, Our Weight, Bushels, Destination Bushels, Over, Short, Price, Amount, Freight, Other Charges, Remarks.

The book is 9½x12 inches, and contains 160 pages of linen ledger paper, 29 lines to each page, and has spaces for recording the foregoing facts regarding 2,230 carloads. It is well bound in strong boards with leather back and corners.

Order Form 385. Price, \$1.50.

GRAIN DEALERS JOURNAL

315 S. La Salle Street, CHICAGO, ILL.

GRAIN ELEVATOR EQUIPMENT

We Stock and Manufacture a Complete Line of Equipment for

GRAIN ELEVATORS

PROMPT SHIPMENTS GUARANTEED

Write for Catalog and Prices.

The Manitoba Bridge and Iron Works, Ltd.
WINNIPEG, CAN.

Grain Receiving Ledger

A book designed for use by Grain Buyers who keep individual accounts with farmer patrons. Is ruled for facts regarding wagon loads received. Its column headings being: Date, Article, Gross, Tare, Net, Bushels and Pounds, Price, Debit, Credit and Remarks.

Each of its 200 pages of linen ledger paper, size, 8½x13½ inches, is ruled for 42 wagon loads and numbered. Each page may be used for one or more accounts as desired. A 28-page marginal index is bound in front. Bound in cloth with leather back and corners.

ORDER FORM 43. PRICE, \$2.00

GRAIN DEALERS JOURNAL

315 So. La Salle St., Chicago, Ill.

ELEVATOR MACHINERY

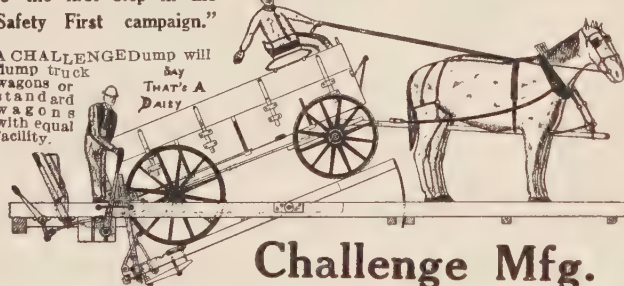
GRAIN DRYERS—All sizes, **CRUSHERS**, **SHELLERS** and **MILLS** **CONVEYORS** and **ELEVATORS**, **CHAIN BELT** and **SPROCKET WHEELS**, **OAT MEAL** and **PEARLED BARLEY MACHINERY**, **HOMINY MILLS**

SEND FOR DESCRIPTIVE CATALOG OF WHAT YOU WANT

THE C. O. BARTLETT & SNOW CO.
CLEVELAND, OHIO, U. S. A.

"The CHALLENGE Dump is the first step in the Safety First campaign."

A CHALLENGE Dump will dump truck wagons or standard wagons with equal facility.



No elevator proprietor that handles 50,000 bushels of grain and upwards per annum can afford to be without "The Challenge."

If you are contemplating remodeling or the building of a new dump, don't rely on your contractor to tell you what is best. Write at once to us and get further particulars and investigate for yourself.

Two men can install one set in one day. Building instructions mailed with bill of lading.

Challenge Mfg. Co., MORRIS, ILLINOIS

Record of C. N. D. QUOTATIONS

Quotation Record, Form 97A, is formed of sheets of bond paper ruled to facilitate the recording of daily market prices of different options.

Each sheet is headed "Board of Trade Quotations for Week Commencing Monday, 19. . ." Columns are provided for 4 Wheat options, 4 Corn and 4 Oats; have spaces for the market hourly and at close. Closing prices for previous week are listed at top.

Sixty sheets, 9½x9½ inches, are well bound in book form—a year's supply. Price 75 cents.

GRAIN DEALERS JOURNAL
315 S. La Salle Street Chicago, Illinois

Written Contracts Book

This book is planned for recording agreements for the delivery of grain bought. By its use each party thereto obtains a clear statement of what is intended by the other, and the farmer lives up to his contract.

The stub is signed by the farmer certifying that he has sold bushels of at per bu., to be delivered on or before It also certifies that he has received dollars on the contract.

The other part is signed by the elevator man and given to the farmer. It certifies that the elevator man has bought so much grain, etc.

Each book contains 50 contracts, numbered in duplicate, printed on bond paper, size 12x4½". You cannot afford to be without these blanks.

Order form No. 9. Price, 50 cents

GRAIN DEALERS JOURNAL

315 S. La Salle St., CHICAGO, ILL.

Determine the exact dockage of every load of wheat

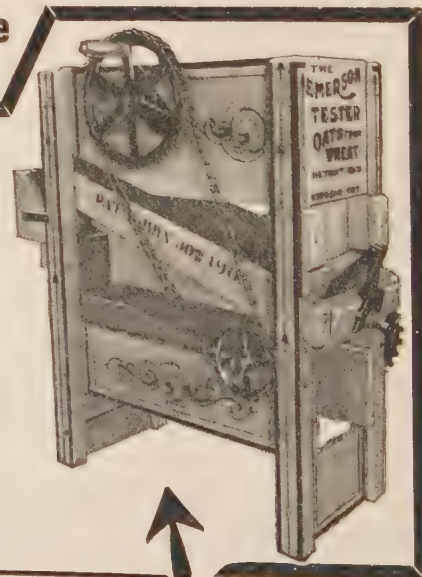
THE EMERSON OATS FROM WHEAT TESTER

eliminates all guesswork in dockage, and saves all the wheat.

Over 1500 elevators now using this tester.

The EMERSON is the most convenient and satisfactory wheat tester made. The saving in wheat, time, mistakes and money soon pays for the Emerson. Write today for further particulars.

WM. H. EMERSON & SONS
DETROIT, MICH. WINDSOR, ONT.



"Wanted" and "For Sale"

The rate for advertisements in this department is 20 cents per type line each insertion

ELEVATORS FOR SALE.

N. W. OHIO elevator for rent or sale; best oats and corn section. Only elevator at station. Owner cannot be with it. Address Stanley, Box 2, Grain Dealers Journal, Chicago, Ill.

INDIANA—Grain elevator, coal and feed business—in the Banner Corn County South of Indianapolis—doing 25,000 retail business a year—big territory—no competition. Own all the side track in town. If you want a good business investigate. John C. Young, Whiteland, Ind.

FOR SALE AT A BARGAIN—Elevator and alfalfa mill, combined, also coal business. Doing a good business, delightful climate; South Platte Valley; 100 miles from Denver. Hillrose Milling & Merc. Co., Hillrose, Colo. E. H. Link, Sec'y.

FOR SALE BY OWNER.

Seven elevators, all in South Dakota. Will sell one or all to suit purchaser. Now is the time to buy if interested, before we get to planning on a new crop. Closing out the business reason for selling. Address Box 36, Mitchell, S. Dak.

CENTRAL IND. elevator, 100M grain; large retail, coal, feed and fencing business. Exceptionally fine prospect for wheat crop. Act quick and we can give possession promptly, at reasonable price. Address Ville, Box 11, Grain Dealers Journal, Chicago, Ill.

EASTERN INDIANA elevator for sale, located in one of the best grain and clover seed districts in the state; new and modern; 12M bu.; good coal, fence and wool business. A bargain for quick sale. D. M. Light, 203½ S. Walnut St., Muncie, Ind.

ELEVATOR IN CENTRAL INDIANA with 2 acres of land and residence, for sale. Has metal sides and roof, cribbed bins, sheller and cleaner, feed grinder, motor power. In good grain belt; handle a number of side lines. Easy terms. A bargain if taken soon. Address Indiana, Box 2, Grain Dealers Journal, Chicago, Ill.

NORTH CENT. IOWA—Modern 12,000 bu. cribbed elevator; in perfect condition. Good territory; favorable shipping connections with every road in Iowa; no local competition. Also coal house, corn cribs and half acre land that controls track frontage. Owner can live in large town nearby and go back and forth. PRICE RIGHT. Box 606, Fort Dodge, Iowa.

FOR SALE—20,000 bu. grain elevator on Omaha Ry., 20,000 bu. grain elevator on C. M. & St. P. Ry., in town of 3,800; 18,000 bu. grain elevator on C. M. & St. P. Ry., in small town, doing good business and in good territory in Martin County, Minn., where there has never been a crop failure. These houses will be sold very reasonable either separately or as a line. Address P. O. Box 756, Fairmount, Minn.

OKLAHOMA CITY, OKLA.—Terminal elevator for sale or rent, with large storage capacity. Equipped with 100-ton track scale, 50-ton hopper scale, wagon and platform scales, corn sheller, clipper, cleaner and feed rolls. Motive power: 125-h.p., one 20-h.p., one 15-h.p., one 7-h.p. electric motors. One 40-h.p. boiler to operate Hess Dryer.

This elevator is on private property with trackage on both side, and has free switching to four trunk lines.

Will make favorable terms and accept good land in part payment.

Address J. C. Pearson, Marshall, Okla.

ELEVATORS FOR SALE.

KANSAS elevator and coal business; doing fine business; only elevator in town. Lund & Son, Cedar, Kansas.

GOOD KANSAS grain elevator for sale, cheap, at Sharon, Barber County. Address F. P. Hawthorne, McPherson, Kans.

SOUTHWESTERN MINN. elevator on C. M. & St. P. Ry. For particulars address McGlin Bros., Lakefield, Minn.

OHIO transfer elevator for sale; in first class condition; good location; a great bargain. Address The Transfer, Box 2, Grain Dealers Journal, Chicago, Ill.

FOR SALE—Steel storage tank, 50,000 bu. cap., with steel elevator leg, belt and cups. Address Woodrow, Box 10, Grain Dealers Journal, Chicago, Ill.

ELEVATORS FOR SALE—Have a nice lot to select from. Let me know your wants and how much you wish to pay. Address Jas. M. Maguire, Campus, Ill.

FOR SALE—Two elevators, along with coal business; located in best grain products section of Indiana. Address Jeff, Box 6, Grain Dealers Journal, Chicago, Ill.

FOR SALE—Neat modern elevator, 12 bins. Crop never fails. On C. M. St. P. R. Address Thos. McMichael, Jr., Harmony, Minn.

MINNESOTA elevator for sale, 12M bus. cap., located in good town on I. C. For particulars and terms address Canton, Box 8, Grain Dealers Journal, Chicago, Ill.

CRIBBED ELEVATOR for sale; 30,000 bu. capacity, nearly new. A bumper crop this year. Want to sell because one of the owners is sick and must move. Mesick-Stangeland Co., Gettysburg, S. D.

INDIANA—Two elevators for sale, 4 miles apart; good grain territory, on Big Four between Indianapolis and Cincinnati. No competition. Address The Fairland Grain Co., Fairland, Indiana.

MINNESOTA elevator for sale, 9 bins, cap. 23,000 bu.; electric power and lights, also 4 bin coal sheds; good location; station handled 475,000 bus. last year. \$2,150.00 buys it. Address Ralson, Box 1, Grain Dealers Journal, Chicago, Ill.

KANSAS elevator for sale; cap. 45M bu.; on R. R. ground. Handled 60M bu. wheat last year; handle from 200M to 500M corn annually. Excellent elvtr., steam power, hopper scales; good office with wagon scale; extra good double crib; in good shape. 4 hrs. of St. Joseph and 6 hrs. of Kansas City. Isaac Baer, Beattie, Kansas.

ILLINOIS—Two elevators at good grain stations for sale, on Burlington Ry. Will sell one or both. Coal, salt, cement, crushed rock and sand in connection with one. Price reasonable. Good competition at one and none at other. Address T. G., Box 2, Grain Dealers Journal, Chicago, Ill.

WEST CENTRAL MINNESOTA 30,000 bus. modern cribbed elevator with large feed mill in connection; only feed mill in town. Sheds for 250 tons coal; handles 1,500 to 1,800 tons coal per year, 250,000 to 350,000 bus. grain. Flour house in connection holds one carload of flour; also only wood yard in town; good live business town of 700 people. Big profits every year. Price only \$7,000.00. This is a bargain and will stand close investigation. Crop failures unknown. Address Big Bargain, Box 1, Grain Dealers Journal, Chicago, Ill.

ELEVATORS FOR SALE.

OHIO elevator for sale. Best elevator, retail coal and feed proposition in Central Ohio. Address Wilbur, Box 12, Grain Dealers Journal, Chicago, Ill.

NORTHWESTERN OHIO—15,000 bus. elevator, coal business in connection; good territory. Address Maple, Box 11, Grain Dealers Journal, Chicago, Illinois.

BANTRY, N. DAK., grain elevator for sale; in fine condition. For particulars address Stair, Christensen & Timmerman, 1054 Chamber of Commerce, Minneapolis, Minn.

ILLINOIS—Good grain elevator on Big Four Railway for sale at the right price. In the corn and oats belt. Address Fred K. Thayer, Chrisman, Ill.

HERREID, S. D., grain elevator for sale; in fine condition. For particulars address Stair, Christensen & Timmerman, 1054 Chamber of Commerce, Minneapolis, Minn.

NEBRASKA elevator for sale, 13,000 bu. capacity, on C. R. I. & P. Ry. Address Herald, Box 1, Grain Dealers Journal, Chicago, Ill.

KANSAS, Marshall Co., elevator for sale. Big wheat crop started to move. Corn prospects fine. Price right. Poor health reason for selling. Address Ball, Box 1, Grain Dealers Journal, Chicago, Ill.

EASTERN SOUTH DAKOTA elevator for sale; four elevators at the station; receipts, 650,000 bus. a year. Price \$5,000, easy terms. Also good coal business. Address Eastern, Box 11, Grain Dealers Journal, Chicago, Ill.

N. E. KANSAS, 10,000-bu. Iron Clad elevator for sale or trade, in good grain section. Will sell at a bargain or exchange for elvtr. or land in North or Central Okla. Address Seneca, Box 2, Grain Dealers Journal, Chicago, Ill.

ILLINOIS elevator, best location in town of 900, on Big Four. Competition of the best kind. Modern, 35M capacity. Good retail coal business in connection. Address Westchester, Box 2, Grain Dealers Journal, Chicago, Ill.

DALLAS, S. D., grain elevator, lumber and coal business for sale, elevator capacity 25,000; also grain elevator located at Winner, S. D., capacity 25,000. Will sell separate or together as desired. Two elevators only at each point, both are good towns, territory large and growing. For particulars address Elevator, 724, Brandeis Building, Omaha, Nebr.

GLOVER, WISCONSIN, elevator for sale. Situated on C. St. P. M. & O. R. R. between River Falls and Hudson. Capacity 14,000 bushels, 8 bins, also work room in basement. 1 Fairbanks-Morse horizontal engine, 5 horsepower; Howe dump scales. Also warehouse 20x26 on same property containing potato sorter. Buildings in first class condition. We own the land, about one acre. Jameson, Heyener & Griggs, 181 E. Sixth St., St. Paul, Minn.

ELEVATORS FOR RENT.

CENTRAL ILLINOIS elevator for rent, on the Wabash R. R. Immediate possession. Address S. L., Box 1, Grain Dealers Journal, Chicago, Ill.

ELEVATORS WANTED.

WANT TO RENT good elevator in good grain territory. Address S, Box 1, Grain Dealers Journal, Chicago, Ill.

WANTED to lease one or more good elevators in Central Indiana. Address Imel, Box 2, Grain Dealers Journal, Chicago, Ill.

MODERN HOUSE, 8 rooms, and five lots to trade for elvtr.; also 10 year lease on fine coal and feed site; both in good Illinois town of 7,500 population. Address B, Box 1, Grain Dealers Journal, Chicago, Ill.

IF YOU WANT to sell your elevator, insert an advertisement in the "Elevators For Sale" columns of the Grain Dealers Journal, Chicago. We have sold elevators for others, let us serve you in a like manner. Send trial order today.

IOWA—160-A Iowa farm to trade for one or two elevators, well improved farm, 130 acres under plow, 15,000 feet tile, 7-room house, barn 54x60 ft., double corn cribs, fenced hog tight, fine orchard, 4 miles from best town in Northern Iowa. Priced right. Address Iowa Farm, Box 2, Grain Dealers Journal, Chicago, Ill.

ELEVATORS FOR LEASE.

ELEVATOR FOR LEASE—Will lease elevator and stock yards very reasonable, good German community, up-to-date elevator, hopper scale, large fan. Close to Peoria, Ill. Further information address "Elevator," General Delivery, Peoria, Ill.

ELEVATOR BROKERS.

SELLERS list your elevators and buyers buy your elevators thru John A. Rice, Frankfort, Ind.—Reliable Broker 10 years.

HAVE A FEW very nice elevators within 100 miles of Chicago recently listed for sale. Some of these have eastern outlets, and are in splendid towns. Prices very reasonable. Terms can be arranged. Address James M. Maguire, Campus, Ill.

CASH FOR YOUR ELEVATOR, mill, business or property. I bring buyers and sellers together. No matter where located, if you want to buy, sell or trade, write me. Established 1881. Frank P. Cleveland, Mill and Real Estate Broker, 5951 Adams Express Building, Chicago, Ill.

BUSINESS OPPORTUNITIES.

CENTRAL IOWA lumber, grain and coal business for sale, on C. G. W. Good reasons for selling. Would consider a small farm in N. Iowa or S. Minn. Address D. R. Box 1, Grain Dealers Journal, Chicago, Ill.

MICHIGAN elevator, potato and hay warehouse for sale at best point in Wexford Co. Will sell half or all. Party buying to take full charge. Reason for selling have other business that takes my time. Write for further particulars. Manton Produce Co., Manton, Mich.

WHATEVER your business may be, it will find a ready market if advertised in the "Business Opportunities" column of the Grain Dealers Journal, Chicago, Ill. 6,100 grain men look to these columns twice a month for real opportunities.

MR. GRAIN DEALER.

Do you want to increase your profits? You can do so by selling King Lightning rods during your spare time. Write us for agency proposition. It's a winner.

Geo. M. King Mfg. Co.,
609 E. Walnut st., Des Moines, Iowa.

MISSOURI—Owing to my age and failing health I would like to sell one-half interest in my business to some man capable of taking full charge. We handle full line of feed of all kinds, flour, hay and grain, wholesale and retail. Elevator and warehouse situated on Wabash R. R. ninety miles from St. Louis. An excellent chance for the right kind of man. C. W. Glynn, Wellsville, Mo.

BUSINESS OPPORTUNITIES.

COLORADO SPRINGS coal and feed business for sale. O. C. Beck, 328 E. Dale St., Colorado Springs, Colo.

SITUATIONS WANTED.

SUPERINTENDENT wants position in Terminal elevator; 14 years' experience; best of references. Address F. E., Box 2, Grain Dealers Journal, Chicago, Ill.

WANTED—POSITION as mgr. of elvtr. or lbr. yard; 4 yrs. experience; prefer line or farmers' elvtr. Address M. J. Box 1, Grain Dealers Journal Chicago, Ill.

MANAGER—Position wanted as elevator manager, two years experience in elevator, three years in lumber yard. Best of references. Address Bryan, Box 1, Grain Dealers Journal, Chicago, Ill.

TRANSIT privileges, routings, rates, experienced in each; want position with transfer house; 24; married. Address Transit, Box 1, Grain Dealers Journal, Chicago, Ill.

TRAVELING AUDITOR or solicitor, experienced and competent, age 30, married, with present firm 6 years, wants position with good grain firm. Best of references. Address Auditor, Box 1, Grain Dealers Journal, Chicago, Ill.

TRAFFIC MANAGER wants position; grain and coal—rates, routings, losses, claims; 9 yrs. experience. Familiar with Middle West. Prefer sales branch; young man; now employed. Address Traffic K, Box 1, Grain Dealers Journal, Chicago, Ill.

FOREMAN OR MANAGER wants position, 15 years experience; understand gas, steam and electric power, grain, grass seed and machinery; not afraid of work; wages very reasonable; best of references. Address First Class, Box 1, Grain Dealers Journal, Chicago, Ill.

SUPERINTENDENT and manager wants position of responsibility with good terminal house or grain company; was connected with terminal elevator handling three million bushels of grain in grain exchange and from companies. Have not been actively engaged in business for past year owing to sickness. Address Manton, Box 1, Grain Dealers Journal, Chicago, Ill.

FEMALE HELP WANTED.

ASST. BKKPR. and cashier wanted immediately for permanent position. D. E. experience required. Address E. E. Soellner, Room 507 Traders Bldg., Chicago, Ill.

HELP WANTED.

WE ARE IN NEED of several good men for positions as grain buyers; work the year round. Good wages. Address N. Dak., Box 2, Grain Dealers Journal, Chicago, Ill.

GOOD SECOND MAN can secure a permanent position by addressing F. M. Tusla Grain Co., Egan, S. D. Send references, state wages wanted, experience. Single man preferred.

WANTED—Energetic, settled travelling salesman, preferably acquainted with Eastern territory, to sell Seeds and Feeds. State age, experience and salary expected. Also give references. Address Lane, Box 12, Grain Dealers Journal, Chicago, Ill.

ARE YOU looking for a position in any branch of the grain business? If you are send us your name, address, nationality, languages spoken, experiences, salary expected, references, in fact any information that will help an employer to form an idea of your ability to serve him. We will keep this information on file and from time to time place you in touch with elevator owners who seek competent help. This service will be absolutely free, placing you under no obligation whatever. Write today and get in line for a good position. Address—The Want Ad Man, Grain Dealers Journal, Chicago, Ill.

PROPOSALS.

PROPOSALS FOR FORAGE.—Dept. Quartermaster's Office, Federal Building, Chicago, Ill., July 10, 1914.—Sealed proposals will be received here until 11 A. M., Central Time, August 10, 1914, for furnishing forage at posts in Central Dept., during nine months commencing Oct. 1, 1914. Information furnished upon application to Dept. Q. M., Cen. Dept., U. S. A.

GOVERNORS ISLAND, N. Y. H., July 22, 1914.—Sealed proposals, in triplicate, for furnishing Forage and Straw required in Eastern Department during nine months commencing Oct. 1, 1914, will be received here until 10 a. m., Aug. 7, 1914. Information furnished on application to Department Quartermaster.

PROPOSALS FOR FLOUR, OATS, DRIED FRUIT, etc.—Department of the Interior, Office of Indian Affairs, Washington, D. C., July 20, 1914. Sealed proposals, plainly marked on the outside of the envelope: "Proposals for flour, oats, dried fruit, etc.," as the case may be, and addressed to the "Commissioner of Indian Affairs, Sixteenth and Canal Streets, Chicago, Ill.," will be received until 2 o'clock p. m. of Tuesday, August 25, 1914, and then opened, for furnishing the Indian Service with canned goods, corn meal, cracked wheat, dried fruit, feed, flour, hominy, oats, rolled oats, etc., during the fiscal year ending June 30, 1915. Bids must be made out on Government blanks. Schedules giving all necessary information for bidders will be furnished upon application to the Indian Office, Washington, D. C., the U. S. Indian Warehouses at New York City, Chicago, Ills., St. Louis, Mo., Omaha, Nebr., and San Francisco, Cal. The department reserves the right to reject any and all bids or any part of any bid. Cato Sells, Commissioner.

MILLS FOR SALE.

NEW YORK water power grist mill for sale. Located in prosperous milling section. Good Buckwheat outfit. Address Aug. Bolender, Agt., Collins Center, N. Y.

WISCONSIN mill and feed warehouse for sale; up-to-date. Will accept Wisconsin land as part payment. Price reasonable. Ill health of owner reason for selling. Monroe Model Mill, Monroe, Wis.

ARKANSAS flour mill and elevator for rent or sale; modern; moneymaker; 60 bbl.; complete corn dept.; only mill in town of 8,000; wagon wheat; A-1 exchange. A. B. Stone, owner, Fayetteville, Ark.

HAVE BARGAIN in 200 bbl. mill and elvtr.; water power; good city. Central Ind. Another bargain, mill and elvtr.; wheat and corn belt W. Ind. Plenty choice offers in elevators in our private list. Have sold 153. All satisfied. Buy of me and make money. John A. Rice, Frankfort, Ind.

FOR SALE—A big bargain, 100-bbl. flour mill in the best western Minnesota district, thoroughly equipped with best modern machinery; good live town, no other mill near; I am not a miller and have other business; might consider some trade, or give terms. Address John A. Lane, 617-20 Plymouth Bldg., Minneapolis, Minn.

PENNSYLVANIA grist mill for sale, doing a good business, 150 patrons; no other mill within 5 miles; equipped with both water and steam power; will also sell 7-room dwelling in good condition. Mill is 50x27; feed room attached; new dam built 5 years ago; excelsior mill could be started in connection if so desired. Mill grinds buckwheat, rye flour and all kinds of feed; has elevators and conveyors; established in 1864; owner will remain with purchaser until he becomes acquainted. Full particulars, terms, etc., will be given upon request. Address R, Box 1, Grain Dealers Journal, Chicago, Ill.

STEAM ENGINES, BOILERS.

FOR SALE—One 9x12 Bromwell steam engine as good as new, only been used three months. A bargain if sold at once. Fred Schlientz & Son, Eldorado, Ohio.

FOR SALE—One 20 h. p. Erie steam engine and a twenty-five horse power boiler all in good running order. For particulars write Jos. Sandbothe, Martinsburg, Mo.

STEAM ENGINES OR BOILERS for sale find many ready buyers when offered thru the grain trade's accepted medium—for en-ers" column of the Grain Dealers Jour-ngine bargains—the "Steam Engines—Boil-rial, Chicago.

SECOND-HAND BAGS AND BURLAP.

GRAIN BAGS FOR RENT AND FOR SALE We can rent you grain bags any quantity. Write for terms. Also have several thousand grain bags for sale. Foell & Co., 123 Market St., St. Louis, Mo.

BURLAP BAGS OF EVERY KIND FOR SALE; new or second-hand, plain or printed with your brand; Seamless Cotton Grain Bags; Sample Bags, Burlap, Cotton Sheet- ing, or Paper for Car Lining, etc. Wanted: second-hand bags, best prices paid. WM. ROSS & CO., 409 N. Peoria St., Chicago

SCALES FOR SALE.

FOR SALE—26,000 pound Howe Hopper Scale. In good condition. A BARGAIN. RICHARDSON SCALE CO., Passaic, N. J.

SECOND-HAND SCALES OF ANY make, size or price find many ready buyers if full description is given in an advertisement inserted in the "Scales For Sale" column of the Grain Dealers Journal, Chi- cago.

DYNAMOS—MOTORS.

DYNAMOS AND MOTOR BUYERS are reached in largest numbers and less ex- pense by offering them for sale in the grain trade's accepted medium for power bar- gains—the "Dynamos—Motors" columns of the Grain Dealers Journal, Chicago.

WE HAVE the largest stock of second- hand electric motors and generators in America and buy and sell, rent, exchange and repair electrical machinery of all kinds. Send for our "Monthly Bargain Sheet," showing complete stock with net prices. All machines guar- anteed in good order.



DYNAMOS, MOTORS, ELECTRICAL REPAIRS.

We give one year's guarantee with all dynamos and motors sold by us. The reason we can do this is, all machines are put in condition good as new before we ship them. We carry a large assortment of motors in stock. Write us your needs and let us give you a square deal.

Northwestern Electric Co.,
611-13-15 W. Adams St.,

Chicago.

Illinois.

BUILDING MATERIAL.

FOR SALE CHEAP—2,000,000 feet ele- vator cribbing, lumber, joists and boards; 2,000 sash and doors, all sizes. Our prices will surprise you. Write at once for bar- gains. Ruel Wrecking Co., 7337 Stony Island Ave., Chicago.

INFORMATION BURO.

READERS DESIRING to learn by whom, or where any grain handling machine or device is made, can generally obtain it promptly by addressing Information Buro, Grain Dealers Journal, Chicago, Ill.

MACHINES WANTED.

WANTED—Second-hand twenty-inch attrition mill, ball bearing and may be motor driven. Stanley Produce Co., Stanley, Wis.

GASOLINE ENGINES.

FOR SALE—30 h.p. Coffield Gasoline En- gine in A1 condition. Will sell for \$350.00. Spade Mfg. Co., Kalamazoo, Mich.

FOR SALE—28-30 h.p. Foos standard horizontal, \$365. 100 other sizes and styles. State your power needs. Badger Motor Co., Milwaukee, Wis.

FOR SALE—8-H.P. Olds Gasoline En- gine practically as good as new. Will sell at half original cost. Have installed electrical power. E. A. Remer, Cedar Springs, Mich.

FOR SALE—35 horse power Foos gas engine, slightly used, priced to sell—write us. Canadian Mill & Elev. Co., El Reno, Okla.

FOR SALE—30-h.p. Vaughn Gearless gas- oiline engine, almost new. Have installed electric motors. Also large shaft and fric- tion clutch for engine complete. Price \$200 f. o. b. cars Eaton, O. Star Elevator, Ea- ton, Ohio.

GASOLINE ENGINES FOR SALE.

44 H. P. Fairbanks-Morse.
25 H. P. Columbus.
25 H. P. Fairbanks-Morse.
22 H. P. Fairbanks-Morse.
15 H. P. Fairbanks-Morse.
12 H. P. Fairbanks-Morse.
6 H. P. Fairbanks-Morse.
4 H. P. Fairbanks-Morse.
Also fifty engines of varied sizes and all makes. Address A. H. McDonald, 547 W. Monroe St., Chicago, Ill.

MACHINES FOR SALE.

FOR SALE—One 12" Robinson Attrition Mill, used one year, good as new. New Sealing Rings and Grinding Plates. Price \$100.00.

D. O. Friend,

Brighton, Iowa.

FLOUR MILL, FEED MILL AND ELE- VATOR MACHINERY AND SUPPLIES.

The largest Stock of Overhauled and reconstructed Machinery in the World.

Roller Feed Mills: 9x18 and 9x24 Noye, 9x24 Northway, 9x24 Dawson, 9x18, 9x24 and 9x30 Allis, three pair high; and 9x18 Hutchison; 9x30 Acme; two pair high; one No. 1 and one No. 2 Willford, three roll high, and many others listed in our Bar- gain Book.

Write for one—Mailed on request.

Bowsher Combination Crushers and Grinders: No. 4, (12 to 30 Bu.) No. 7, (15 to 60 Bu.) No. 8, (20 to 60 Bu.) No. 9, (30 to 125 Bu.) No. 10, (40 to 175 Bu.)

Corn and Cob Crushers: 2 No. 7 and one No. 12 Sullivan, etc.

Attrition Feed Grinding Mills: 16, 20, 24 and 30 inch "Monarch"; 18 "Modern Spec- ial"; 30 inch "American"; 16, 19 and 24 inch Foos; 24 inch "Unique."

Single Roller Mills: 9x18 and 9x24 "Noye"; 9x18 "Odell"; 10x24 and 12x24 "Downtown"; 12x30 Allis.

Double Roller Mills: All Sizes and Makes.

Separators, Oat Clippers, Scourers, Dust Collectors, and Everything for Flour Mills, Feed Mills and Elevators.

Elevator Belts with Buckets Attached, at Extremely Low Prices—in either Cot- ton, Rubber or Canvas.

Address Dept. Q for "Gump's Bargain" Book, giving complete list of all Ma- chinery, Belting, Pulleys, Shaftings, Ele- vator Belting, Buckets, etc., with Net Prices. Mailed Free on Request.

We can save you money.

Est. 1872.

Inc. 1901.

B. F. GUMP CO.,

431-437 So. Clinton St.

Chicago,

Illinois.

MACHINES FOR SALE.

FOR SALE—2 cracked corn separators and 2 three pair high roller mills; low prices. Address Corn, Box 2, Grain Deal- ers Journal, Chicago, Ill.

FOR SALE—One No. 153 Barnard & Leas cleaner; good as new. \$75 f. o. b. cars Cedar Rapids, Nebr. Cedar Rapids Ele- vator Co., Cedar Rapids, Nebr.

FOR SALE—International gasoline trac- tion engine, 25 h.p., with four-bottom 14" plow, little used. Price \$1,200.00. Geo. H. Hess, La Grange, Ill., or 5 North La Salle St., Chicago, Ill.

WANTED—Grain Dealers who are con- templating installing new machinery to use the "Machines Wanted" columns of the Grain Dealers Journal in securing prices and estimates of machines for sale. We can save you money. More than value re- ceived.

MACHINERY BARGAINS.

1 Steam Condenser	30.00
1 Grain Spout complete.....	4.00
1 large bell	20.00
10 Belt Tighteners, each.....	5.00
300 Salem-cups, 6x16, each.....	.12
50 " " 6x18 "12
600 Empire Buckets, 5x16.....	.06
150 " " 6x18.....	.06
1 26" 3 ply 125 ft. Conveyor Belt....	50.00

All of the above are in good condition and snaps at the prices offered.

La Crosse Wrecking & Lumber Co.,
La Crosse, Wisconsin.

Are You Looking for Real Bargains?

In Single or Double-head Attrition Mills, Any Size, Style or Make at Your Price. 16" to 36" Monarch's, Foos's, Unique's American's, Halsted's, Robinson's from \$90 to \$225 ea. in remodeled form, much less when purchased not remodeled. All remodel- ed machines guaranteed to be in as near new a condition as can be made. Also a full line of Reels, Roller Feed Mills, Shellers, Burr Mills, Crushers, Corn Crackers, etc. Write for catalogs today whether you want new or second-hand machinery or supplies.

George J. Noth,

No. 9 South Clinton Street, Chicago, Ill

Your Opportunity

is here. Now is the time to let the elevator man know you want his business. Ad- vertise in the

Grain Dealers Journal

FOR SALE

Machinery and power plants of

500 Bbl. N&M Corn Mill

750 Bbl. Oat and Cereal Mill
(Allis)

150 Bbl. Alfree Feed Mill

100,000 Bu. Elevator
(Invincible)

50 Ton Alfalfa Mill
(Williams)

100 Bbl. Poultry Feed Mill
(Allis)

H. D. LeFEVRE

Nebraska City,

Nebraska

SEEDS FOR SALE—WANTED

DIRECTORY

OF THE

Grass Seed Trade

BALTIMORE, MD.

Buffington & Co., John J., whse. seed merchants.
Scarlett & Co., Wm. G., whse. seed merchants.

BUFFALO, N. Y.

Whitney-Eckstein Seed Co., grass and field seeds.

CHICAGO, ILL.

Dickinson Co., The Albert, seeds.
Illinois Seed Co., The, grass and field seeds.

EVANSVILLE, IND.

Small & Co., W. H., seeds, grain and hay.

INDIANAPOLIS, IND.

Indiana Seed Co., The, Seed Dealers.

LOUISVILLE, KY.

Hardin, Hamilton & Lewman, field seeds.
Louisville Seed Co., grass seed dealers.
Ross Seed Co., field seeds, exporters.

MADISON, WIS.

Olds Seed Co., L. L., Wis. field seeds.

MEDIA, ILL.

Lewis, E. G., field seeds.

MILWAUKEE, WIS.

Courteen Seed Co., field seeds.
Rosenberg & Lieberman, alfalfa, clover, etc.
Teweles & Co., L., grass and field seeds.

NEW YORK, N. Y.

Leifmann's Hamburg, rep. I. L. Radwaner, fld. sds.
Leewith, Larson & Co., clover, grass, field seeds.

ST. LOUIS, MO.

Prunty, Chas. E., field seeds.

TOLEDO, OHIO.

The Toledo Field Seed Co., clover, timothy.

TORONTO, ONT.

Steele, Briggs Seeds Co., Ltd., field seeds.

PHILADELPHIA, PA.

Philadelphia Seed Co., Inc., The, Whse. Field Sds.



THE NATIONAL CITY BANK OF CHICAGO

Capital \$2,000,000.00 Deposits \$31,283,201.31
Surplus and Undivided Profits \$830,627.50

Safety, Service & Sincerity

The foundation of the success of this bank.

We invite your consideration of our facilities.

MAKE THIS YOUR MARGIN DEPOSITORY—
APPROVED BY CHICAGO BOARD OF TRADE.

105 S. Dearborn St.
CHICAGO, ILL.

ACCOUNT BOOKS FOR SALE
BY
GRAIN DEALERS JOURNAL, CHICAGO

GRAIN FOR SALE.**OATS AND CORN FOR SALE.**

We have over 100,000 bu. of good, clean oats and will have some 200,000 bu. of corn for sale, direct from our farms. THE NORTHERN OHIO LAND COMPANY, Paulding, Ohio.

GRAIN WANTED.**HAY AND GRAIN WANTED**

Wheat, Corn, Oats, Hay, Straw, Milling Buckwheat, Bran, Middlings, Red Dog, Potatoes. C. T. HAMILTON, New Castle, Pa.

BUCKWHEAT SHIPPERS WANTED.

Buckwheat shippers in Ohio, New York and Pennsylvania wanted to communicate with Amendt Milling Co., Monroe, Mich.

L. TEWELES & CO.

Seed Merchants**Grass and Field Seeds**

Milwaukee

Wisconsin

KINSEY BROS.

GRAIN, HAY and SEED MERCHANTS**Field Seeds a Specialty**

NORTH MANCHESTER, INDIANA

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GRAIN WANTED.

WE ARE IN THE MARKET for clover seed screenings now, and for the coming season. We will either contract for your entire output or buy your different lots by sample. It will be to your interest to confer with us before making any disposition of your screenings and low grade seeds. We will be glad to hear from you. J. M. King & Son, No. Vernon, Ind.

SEEDS FOR SALE.

CLOVER SEED wanted. Have buyers for car lots or less, clover. Mail samples and offers. G. S. Mann, Postal Tele. Bldg., Chicago, Ill.

Prompt Shipment

Alfalfa
Crimson Clover
Burr Clover
Hairy Vetches
Dwarf Essex Rape
Tall Meadow Oat Grass

Loewith, Larsen & Company

150 Nassau Street

NEW YORK

Have 10,000 Bu. CHICKEN FEED WHEAT on hand

Wire or Write for Samples and Prices

HUHN ELEVATOR COMPANY

Chamber of Commerce, MINNEAPOLIS, MINN.

WHEAT TABLES

Clark's Wheat Tables for reducing wagon load weights to bushels, reduce any number of pounds up to 4,090 to bushels of 60 pounds each. In addition to the regular reduction table, 4 tables showing the dockage of any quantity up to 4,090 lbs., at 1, 2, 3 and 5 lb. dockage are given. Also a table for reducing flaxseed, rye, or shelled corn up to 4,090 lbs. to bushels of 56 lbs. Printed in two colors on heavy bristol board with eyelet to hang beside scale beam. These six tables will be sent, prepaid, for 50 cents

GRAIN DEALERS JOURNAL,

315 So. La Salle Street, CHICAGO, ILLINOIS



GROWING EASY

With NOD-O-GEN

NOD-O-GEN is a pure culture of living bacteria for inoculating alfalfa seed. Its use makes the chances of success with alfalfa 60 per cent greater.

NOD-O-GEN IS FREE. With each bushel (60 lbs.) of Ace, Pine Tree or Globe brand alfalfa seed we supply enough Nod-o-gen culture to inoculate the seed. Get full particulars by mail. Write now.

THE ALBERT DICKINSON COMPANY

CHICAGO

Wholesale Seed Merchants

Est. 1855

MINNEAPOLIS

SEEDS FOR SALE—WANTED

SEEDS FOR SALE.

SWEET CLOVER SEED, white and biennial yellow. Prices on request. Bokhara Seed Co., Box 93, Falmouth, Ky.

SEEDS WANTED.

I AM ALWAYS in the market for first class European shippers EUROPEAN BEANS, PEAS, SUNFLOWER SEED, PUMPKIN, MILLET, ALPISTE, MUSTARD in small and large quantities, at cheapest quotations c&f New Orleans or N. Y. or any other ports. Please ask for offers. L. KAUFMANN, 617 N. Y. Life Bldg., Chgo.

WE BUY AND SELL

Clover, Timothy, Alfalfa, Millet, Seed Grain and Seed Potatoes.

Our Specialties—Wisconsin Pedigree Grains and Wisconsin Grown Seed Corn.

L. L. OLDS SEED CO.
MADISON WISCONSIN



Timothy—Red Clover—Alsike—
Alfalfa—White Clover—Crimson
Clover—Canada Bluegrass—Ken-
tucky Bluegrass—Redtop—Millets
—Lawn Seed—Orchard Grass—
Seed Grains—Peas—Popcorn, etc.

**WHITNEY - ECKSTEIN
SEED CO.**

BUFFALO, N. Y.

Correspondence Invited

SEEDS FOR SALE.

SEED BUYERS AND SELLERS can quickly sell and quantity, or buy any amount or quality by making their want known through an insertion of an advertisement in the "Seeds For Sale" columns of the Grain Dealers Journal, Chicago.

FLOUR FOR SALE.

MIXED CARS of flour and mill feeds in 100-pound sacks are our specialties. Would like to send you a trial to convince you of the superiority of our products. Ansted & Burk Co., Springfield, O.

SEEDS

Grain, Clover and Grass Seeds,

CHAS. E. PRUNTY,

7, 9 and 11 South Main St. SAINT LOUIS

The Toledo Field Seed Co.

Clover and Timothy Seed

Consignments solicited. Send us your samples.

Toledo, Ohio

"MAY BELL" Brand Pure Field

WE BUY **SEEDS** WE SELL

ROSS SEED CO., Louisville, Ky.

ALFALFA

CAR LOTS

STORED IN NEW YORK

OR

SHIPMENT HAMBURG

I. L. RADWANER

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EASY TO DISPLAY

EASY TO HANDLE

EASY TO SELL

NO WASTE—NO DIRT

PURISCO SEEDS

IN PROTECTED PACKAGES

HIGH PURITY

STRONG GERMINATION

TIMOTHY SEED

Packed in 1 bu. cotton bags—3 one-bushel cotton bags to the bale.

RED CLOVER — ALFALFA — ALSYKE

Packed in 1/2 bu. and 1 bu. cotton bags. 4 half-bushel or 2 one-bushel bags to the bale.

NO CHARGE FOR BAGS

Recleaned and Packed by **THE ILLINOIS SEED CO., CHICAGO**

Grain Buyers Weight and Copy Book No. 66

Is designed for agents of line companies, to use in keeping record of each day's purchases. Sending carbon copy to home office and retaining original. It saves labor and time and prevents errors in copying.

This book is 12x12, contains 225 pages and has room to record 7,425 loads in duplicate. Each page has duplicate printing for column heads of Gross, Tare and Net weights and the page is perforated down the middle from top to bottom, so that half of it folds back on the inside half, bringing the duplicate printing on half of the page over the printing on the under half, so that when a carbon paper is inserted between the leaves formed by folding back the page, an exact duplicate is made of the original entry.

A sheet of pressboard 6x12 inches is furnished with each book. It is placed between the pages and makes a good writing surface. Three sheets of carbon paper are furnished with each book.

The book is well bound in heavy board covers. Price, \$2.00.

GRAIN DEALERS JOURNAL
La Salle St., CHICAGO, ILL.

Modern Methods

GRAIN DEALERS JOURNAL

315 So. La Salle St., Chicago, Ill.

Gentlemen:—In order to keep posted on modern methods of elevator management, I wish to receive the *Grain Dealers Journal* on the 10th and 25th of each month. Enclosed find One Dollar and Fifty Cents.

Name of Firm.....

Capacity of Elevator

Post Office.....

.....bus.

State.....



A New Cleaner

Wild and Tame Oats Guaranteed Separated From Wheat to $\frac{1}{2}$ Pound Once Through. NO Wheat Wasted—400-500 Bushels Per Hour.

This machine is the result of 30 years experience in dealing with dirty grain in a cleaning way. It is a departure from all other devices used to clean grain for commercial purposes—and it has abolished the idea that perfect work in cleaning grain can not be accomplished with great capacity. This machine is a combination suction and blast machine absolutely dustless—with a sideshake of the separating gang and a repeat system

catching the oats at the point where they may go thru if at all with the wheat and elevating them back to the hopper.

The No. 60 Marquis Combined Suction and Blast Cleaner and Separator

is made in several sizes for Terminal Elevators, for Country Elevators and for Warehouses. It has been installed in about 150 elevators in the wild oat belt and in several Terminals in Minneapolis and Duluth and are giving in each and every instance perfect satisfaction. We will be glad to send you a complete list of Elevators where the machine is used—and you can investigate fully. Write for full particulars, catalogue, prices and specific guarantee which we make part of the contract.

If you are handling wheat or barley mixed with oats this machine will make it pay you to substitute it for any other machine you may have. Tell us what you want accomplished when you write.

J. L. Owens Co. Chamber of Commerce
MINNEAPOLIS, MINN.

We make a full line of other cleaners for all conditions and purposes in elevators, warehouses or seed houses anywhere in the country. Let us quote on your special requirements.



GRAIN DEALERS JOURNAL

[Incorporated]

Published on the

10th and 25th of Each Month at

315 S. La Salle Street, Chicago, Ill.

CHARLES S. CLARK, Manager.

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To United States, Canada and Mexico, semi-monthly, one year, \$1.50; one copy, 10 cents.

To Foreign Countries within the Postal Union, prepaid, one year, \$2.50.

A Red Wrapper on your Journal means your subscription has expired.

THE ADVERTISING

value of The Grain Dealers Journal as a medium for reaching progressive grain dealers and elevator men is unquestioned. The character and number of advertisements in its columns tell of its worth. If you would be classed with the leading firms catering to the grain trade, place your announcements in the Journal.

Advertisements of meritorious grain elevator machinery and supplies and of responsible firms who seek to serve grain dealers are solicited.

LETTERS

on subjects of interest to those engaged in the grain trade, news items, reports on crops, grain receipts, shipments, and cars leaking grain in transit, are always welcome.

Entered at the Chicago, Ill., Post Office as Second-Class Matter Aug. 5, 1898.

CHICAGO, JULY 25, 1914.

SCALES SHOULD BE tested frequently, and always at the beginning of the movement of a new crop, as frequently it will cost more not to test the scales than it will to test them.

BLACK RUST has furnished good material for the Crop Killers Union to work upon, but the wheat crop of South Dakota seems not to have suffered severely from the effects of the disease.

GRAIN DEALERS who take exception to any of the provisions of the new Grain Grades Act H. R. 17971, should make known their objections to their congressmen now, as the bill is being pushed forward very rapidly.

WITH THE ARMY worm doing much damage to the crops of Michigan, Pennsylvania and New York, and the war rumors stirring all the fighters of Europe, the wheat bear is promised a very interesting session all next week.

THE EASTERN TRUNK lines have not yet succeeded in inducing the Interstate Commerce Commission to grant them the much longed for 5% increase in freight rates. It is reasonable to suppose that some concessions will be made to the railroads. The western railroads, believing that they too might gain, are preparing to petition the Commerce Commission for a 10% increase in rates. It is the shippers' time to ask for a reduction.

SPOUTING GRAIN into the leg casing invariably causes a chokeup. Grain should properly be spouted into the boot. Then less power will be consumed in its elevation, fewer buckets will be torn off and the belt broken less frequently.

COMPLAINTS OF heavy losses on Nickel Plate shipments would seem to indicate that a band of grain thieves is operating at some division point or terminal on that road, without any interference. It seems to be up to the Nickel Plate officials to employ a few good detectives.

WEAK ELEVATORS are beginning to burst under the heavy load of this year's crops, but up to the present writing no casualties have occurred. It behooves elevator managers to watch carefully the foundations of their houses as they increase the load, and thereby avoid overloading the elevator.

ONE OF THE disadvantages of supplying seed to farmers is brought to light by a suit for \$3700 against the Montrose Elevator Co. of Montrose, Mich., on the ground that the seed corn bought of the elevator company was not as represented. In other words, the buyers seek to force the elevator man to guarantee the quality of the seed he sells. Seedsmen invariably place a disclaimer clause in their contracts, because it is next to impossible to determine the character of seed until it has been planted and tested.

THE CLAYTON anti-trust bill, as approved by the Senate Judiciary Committee last week, provides that "it shall be unlawful for any person engaging in commerce either directly or indirectly, to discriminate in price between different purchasers of commodities sold for use, consumption or resale, with the purpose or intent thereby to destroy or wrongfully injure the business of a competitor of either such purchaser or seller." While such a law would be very difficult of enforcement, it will no doubt make trouble for many merchants who engage in interstate and foreign commerce.

THE PREVAILING HIGH prices of corn in this country is attracting shipments from Japan and Peru, as well as the Argentine, and what is more, the consumers seem to be much better pleased with the small grain flint Argentine corn than with the large variety grown in the Mississippi Valley. A Seattle mill recently laid down Japanese corn at a price lower than it could ship the corn in from Missouri River points. The large grain Peruvian corn is also expected to come forward in considerable quantities as soon as the Panama Canal has been opened, so the admission of corn free of duty may protect our live stock from a further increase in their high cost of living.

THE SHIPPER who makes an overdraft generally convinces the receiver that the shipment is either of short weight or off grade. Every shipper needs the confidence of his receiver, but he cannot get it or retain it, if he does have it, if he indulges in overdrafts and refuses to honor the receiver's draft for the balance due.

PAPER CAR LINERS have been found very satisfactory by users who have made an earnest effort to apply them correctly, and the very fact that several railroads which started out with using burlaps are now using paper car liners almost exclusively, would seem to prove the practicability and cheapness of the paper liners.

CORN HANDLERS at both ends of the line have suffered many losses during recent months, and most of them will indeed be glad when the old crop is all shipped. It has made a world of trouble for both shippers and receivers and many drafts were paid on shipments which got hot and forced a loss on the buyer, even in excess of what he discounted the shipper. If all corn shipments had been well cleaned and blown, fewer shipments would have got hot.

PACIFIC COAST warehousemen have nearly doubled their charges for storing wheat, in fact they will henceforth charge 50c a ton for handling, including 30 days storage, after which 10c a month storage will be charged. This will no doubt induce many farmers to sell their grain earlier and relieve the warehousemen of the necessity of insuring and caring for farmers grain without recompense. Farmers would be much better off if they would store their grain on the farm and keep control of it until they desire to sell. Transactions, such as the sale of grain, which are held in suspense, often make trouble for both parties and seldom give satisfaction to both.

GRAIN DEALERS who neglect or refuse to co-operate with the officers of their association, in writing and interviewing the law-makers or would-be law-makers, thereby diminish the influence of their organization in behalf of their trade. A secretary of a grain dealers' association, who recently pressed 125 members to address their senator, upon investigation found that only 3 out of the 125 had responded to his request. Kansas grain dealers, much to their credit, not only work earnestly with their state law-makers, when the legislature is in session, but they also interview candidates before election, and just now they are devoting a lot of their time getting in some good work against the proposed compulsory inspection law, and the present feedstuffs law. They are also determined to repeal the fire escape law, in so far as it effects grain elevators.

GOOD GRAIN DOORS are essential to the safe transportation of grain to destination, and no shipper can afford to entrust his grain to cars that are not equipped with strong, grain tight doors. If the shippers insist upon having better doors, the railroads will provide them. If they use rotten, weak doors they will surely get more of the same kind.

COUNTRY ELEVATOR men who persist in paying what they are bid for grain their track, cannot get much satisfaction out of the business. They seem to overlook the fact that the prime purpose of engaging in the grain business is to make a profit, not to put competitors out of business. It is generally unwise to make any boasts about what you will do to your competitor, because the minute that the boast reaches the competitor's ears, he is placed on guard, and frequently attempts to do the same to the boaster.

A BUSINESS LICENSE has been provided for by an ordinance recently adopted by Johnstown, Pa., which taxes commission merchants, hay and grain dealers on the basis of the business done the preceding year, and in addition they are taxed \$50 for each firm, unless they conduct their business from the car door only, in which case they are assessed a tax of \$100 per year. Evidently this is another attempt to tax out of existence the irresponsible scooper who runs up bills and disappears.

THE NORTHWEST DOES not handle much winter wheat, but the Minnesota State Railroad & Warehouse Commission is fully convinced that the spring wheat states will soon be shipping out thousands of bushels of grain daily. Greatly fearing a car famine, the Commission has sent out thousands of letters, appealing to the railroads and the shippers to co-operate in the prompt moving, loading and unloading of all cars. Among other requests made to shippers by the Commission is that they make their requests for cars to the station agent in writing. It might have been better to have suggested the advisability of keeping a carbon copy of the written order and following it up with other written appeals for the fulfillment of the order. The Commission also asks that cars be loaded to full capacity, and begs that shippers desist from taking advantage of the full free time allowed for loading and from using cars for storage purposes. Another excellent suggestion is that only the actual number of cars needed be ordered. The Commission's suggestions are applicable to shippers in all sections of the country, and if the parties at interest co-operate in the prompt performance of their work in connection with each shipment, then the car famine will be greatly relieved, if not entirely abated.

GALVESTON SEEMS determined to improve the conditions existing in that market, and accordingly the Cotton Exchange will establish a Grain Weighing Department, along the same lines existing in Chicago, Kansas City, Baltimore and other markets where satisfactory weights have long been obtained. This will be good news for southwestern shippers, and insure them weights, which will be above question.

DUDLEY DOOLITTLE, whose term in Congress will soon expire, seemed to have become bewitched with the idea that his constituents "out there in Kansas" would think he was living up to his name, so he introduced a resolution in Congress, charging that wheat was being sold for export in Kansas City at 82.5, whereas Kansas farmers could realize only 63c a bushel for their wheat. This margin he declared to be preposterous and called for a Congressional investigation. The dense ignorance of some wind men, who are paid \$7500 a year to make laws, is really pitiful. In no other line of business is competition so keen as in the grain business, and every transaction in a central market is published so that all dealings are open and above board. No excuse exists for any sane individual charging that exporters are working on any such margin. If Mr. Doolittle would do a little bit more and make even the slightest effort to determine the facts, he would avoid making himself ridiculous by the introduction of such silly resolutions.

THE END OF the so-called Equity "Exchange," which has been attempting to secure shipments from co-operative companies tributary to the Minneapolis market for several years, seems to be near at hand, as internal dissension and contention threatens to destroy the so-called organization. Greenfield & Crumpton of Superior, Wis., have brot two suits against the "Exchange," one for damages amounting to \$21,165; the other, a mandamus action to compel the officers to produce its books. The principal work of the "Exchange" in the last two years seems to have been to denounce and malign everyone who did not agree with it or help it to get shipments from co-operative companies. One interesting disclosure brot out by the plaintiffs, who are stockholders in the "Exchange" is that the "Exchange" admitted a deficit of \$8,670 in July of 1913, but that the real deficit was considerably more. It would seem about time for all of the stockholders in this famous "Exchange" to get busy and demand a quick and thoro investigation of everything and everybody connected with the management of it. It is the only grain "Exchange" engaged in the sale or purchase of grain.

GRAIN DEALERS who paid the Barr-Widen Agency for filing their claims against the slow payers and bankrupts, will be pleased to learn that nine officers and agents of this agency were recently found guilty by a federal jury in Chicago of using the United States mails to defraud and some will go to the penitentiary.

HEAD PULLEYS which are fastened to line shaft with set screws, are seldom satisfactory for carrying a heavy load, as the set screws invariably cut deep grooves into the shaft and a wobbly pulley is the result. This wastes power and ofttimes starts a fire. It is far better, and not much more expensive, to anchor the head pulley firmly to the shaft with a key.

WOOD SHINGLES are now credited by all authorities with contributing most to the spread of the fire which inflicted a loss of \$15,000,000 upon Salem, Mass., recently. The roof of house after house burst into flames after the sparks covered the well dried shingles, in fact it is so certain that the Salem fire would have been confined to a few structures, if all buildings had been covered with fire-proof material, that a state wide movement has been started in Massachusetts to displace wood shingles. If dry weathered shingles, which curl up at both sides in July's hot sun, are not considered a safe covering for a Massachusetts dwelling, surely they cannot be considered the proper covering for elevators erected along railroad right of way, over which passes many locomotives daily. The shingle roof is doomed and before many years every fire insurance company will be charging an extra penalty for this hazard.

NORTH DAKOTA has a law designed to make every elevator, warehouse or mill shipping grain a public warehouse, subject to the licensing and regulation by the state. Acting under this law, the assistant attorney-general has recently ruled that no firm can operate more than one elevator, warehouse or mill under one license. In other words, he seeks to make the law a source of revenue, rather than a means of regulating the grain business, for which it was primarily designed. If the politicians of North Dakota are exacting enough, they may force the grain dealers to go into court and get a decision similar to that granted in several other states, to the effect that elevators or warehouses used exclusively for the handling of the grain of the owners cannot be considered public warehouses. A public warehouse is generally recognized as one where the grain of different owners is stored for their account. The idea of licensing a man to handle his own grain, store it, grind it, burn it up or blow it up is nonsense. No one profits by it except the politicians.

THE SECRETARY of the Treasury has offered to deposit \$34,000,000 in national banks of the agricultural sections, to assist in the movement of the large crops. If this be done, the rates of interest will no doubt remain steady, to the great advantage of everyone who has to borrow.

A SHIPPER who is struggling with a near-sighted competitor who persists in overbidding the market, asks "What can be done to meet such competition?" The best thing to do is to bid up the price and let the competitor have the grain. The sooner he loses his operating capital, the sooner he will be willing to conduct his business on a profitable basis.

LAKE STEAMSHIP lines are still in the control of the railroads, but the New Haven & Hartford will soon be required to give up all connection with the steamship lines plying along the New England coast. When the proper authorities finally learn how thoroly the railroads are able to control lake traffic and to divert shipments from lake vessels and from the Erie Canal boats, through that control, then the railroads may be required to give up all interest in water transportation and let the public profit by the lower rates which are sure to follow.

RAILROAD RIGHT of way in some cases affords a cheaper elevator site than the grain dealer could obtain at a convenient location, but it is surrounded by hazards which the grain dealer must take into serious consideration, when proposing to build a new plant. As is well known, many grain elevators are sacrificed each year to sparks from passing locomotives, and the railroads always fight any claim for damages due to such losses. During recent years we have reported many elevators wrecked and damaged by the derailment of passing cars, but never have we reported so many as in the present number. An Iowa, an Illinois and a Ohio elevator have recently suffered damage because of their proximity to the railroad's main tracks. Few railroads have been known to make good the total amount of the dealer's loss, and as a rule they will indulge in a long drawn out law suit before paying any damages to the elevator owner. When the elevator owner places his house on his own ground, he is free to sell it to whomsoever he pleases and whenever he chooses, without giving any consideration to the wishes or views of the freight traffic manager.

INDIA'S wheat crop is suffering from the raids of wild pigs as the result of the campaigning against the tigers in that country. With the destruction of the tigers the pigs are increasing and the farmers are compelled to constantly watch their fields at a considerable expense.

DRYING GRAIN by operating a coal oil stove in the loaded car for a few hours after the grain is put into it, cannot be expected to give satisfaction to the shipper or the receiver, because grain cannot be dried that way. Some moisture might be carried off from the top layer of grain, but little grain below the surface would be affected. Heat goes up, not down, and even were it forced down by a fan, it could not be expected to penetrate the solid bank of grain loaded into a car.

ONE OF the granger roads in a far-sighted moment of zealous self-interest, overcame its parsimony and sent a real man out to instruct grain shippers how to cooper cars. He convinced several shippers along the line that he did not know half as much about the work as they did, and the leaking of the cars he coopered gave further support to their convictions. Railroads which are earnestly striving to secure the proper cooperating of their cars will provide ample material and instruction by men who know what is necessary to retain the grain in the car until it reaches destination, and they will profit by it as much as the grain shippers.

COUNTRY ELEVATOR MEN of the corn districts must keep in mind the fact that the new corn grades are now in force, and it behooves them to clean their corn to a uniform grade, so as to obviate the necessity of providing many different storage bins, and to relieve them of the charge of trying to plug their shipments. If, when the new crop of corn starts to move, shippers pursue the old time careless methods of mixing the clean and the dirty corn together, without any attempt at classification or grading, they will very likely encounter trouble with the agricultural department, when they attempt to ship the mixture across state lines. It will be much safer, and no doubt much more profitable, to bring all receipts to a uniform grade, through the careful use of a first class cleaner, before placing any of the corn in a car. An Illinois elevator man sent a letter to every sheller operator in his section, calling attention to the federal rules for grading corn and advised that broken corn, corn meal, cobs and all kinds of dirt would surely lower the grade of the corn, hence it would be necessary for every sheller to be placed in the best possible working condition for cleaning corn, so as to minimize the dockage for foreign matter in corn delivered at his elevator. If all elevator men will take the same stand, more care will be exercised by the growers and the shellers and less corn will be graded No. 6.

WE LIKE THE Journal very much.—Wenrick, Mote & Hawkins, per N. Wenrick.

Leaking in Transit

Grain dealers can help brother sufferers in the collection of claims for loss by reporting to Grain Dealers Journal, Chicago, for free publication, the initials, number, place, date and condition of cars seen leaking grain in transit.

Recently we have received reports of the following leaking or bad order cars:

Santa Fe 27863 passed thru East Ft. Madison, Ill., July 23, leaking wheat slightly at doorpost. When train stopped the leaking ceased, but started again when train was in motion.—Geo. S. Dole, pres. J. H. Dole & Co., Chicago.

C. B. & Q. 10551 passed thru Neponset, Ill., July 23, leaking oats in steady stream from side door. Train did not stop.—W. H. Hayes, mgr. Farmers Grain Elevator Co.

C. R. I. & P. 150426 was set out at Brenham sta. (Greensburg p. o.) Kan., July 22, on account end being broken out. Section man picked up 33½ bus. which leaked out and put back.—S. L. Gamble, mgr., Brenham Merc. Co.

P. M. 51446 was set out at Meade, Kan., July 21, leaking wheat on track.—W. W. Gibbons, mgr. Co-operative Elevator & Sply. Co.

M. & N. A. 2170 was set out at Edison, O., July 21, loaded with wheat, account hot box. Car was leaking at both ends above drawbar. Car was carded from Willow Branch to New York. Reported leak to agent.—Blair & Howard.

B. & O. 191724 passed thru Cook, O., July 20, leaking grain badly at grain door.—L. L. Loofbourrow.

C. & N. W. 81332 passed thru Girard, Kan., July 20, leaking wheat badly at door. Car came from Neodesha, Kan., destination Kansas City, Mo.—W. M. Reckewey.

M. P. 13145 is standing on siding at South Whitley, Ind., July 18, leaking wheat at ends and over drawbars. Understand car was shipped from some station south of Logansport, Ind.—Farmers Elevator Co.

M. K. & T. 16300 passed thru Buckhart, Ill., westbound, July 18, via C. H. & D. Ry., leaking wheat at corner of sill. Repaired best I could.—H. C. Ratz, mgr. Farmers Grain Co.

P. R. R. 79305 passed thru St. Paris, O., July 16, eastbound, leaking wheat badly at corner of car.—John H. Myers.

C. & N. W. 76660 passed thru Gessie, Ind., July 15, southbound, on C. & E. I. R. R., leaking corn badly at bottom of side in several places.—W. S. Lasley & Son.

I. C. 142325, seals 355311 and 355309, was seen on I. C. Ry. repair track, at Freeport, Ill., July 15, leaking oats at side door.—H. A. Hillmer Co.

I. C. 26657, seals 452532 and 452533, was seen on I. C. Ry. repair track, at Freeport, Ill., July 15, leaking oats.—H. A. Hillmer Co.

Wabash 65054 passed thru Milmine, Ill., July 11, on Wab. R. R. leaking wheat over truck. Was on thru freight so could not repair.—Hamman Bros.

St. L. & S. F. 12550 passed thru Salt Fork, Okla., July 11, westbound on local, leaking wheat at side. Came from Blackwell and did not stop long enuf to repair.—Geo. Ingram, mgr. Salt Fork Grain & Elevator Co.

V. R. R. 8577 passed thru Frankfort, Ind., July 10, via Vandalia R. R., leaking wheat badly at end and side. The crew was bumping cars roughly.—Wallace & Strange.

Big Four 44689 passed thru Oakwood, Ill., July 10, leaking wheat at corner. Could not get at it to repair.—E. A. Fox, mgr. B. B. Minor.

C. R. I. & P. 35544 passed thru Rydal, Kan., July 10, leaking wheat at bottom of car.—W. H. Mikesell.

St. L. & S. F. 36592 passed thru Lamont, Okla., July 1, leaking wheat between door and end of car.—Lamont Alfalfa Mfg. Co.

St. L. & S. F. 23433 passed thru Lamont, Okla., July 1, westbound, leaking wheat at door.—Lamont Alfalfa Mfg. Co.

Letters From Dealers

[Here is the grain dealers' forum for the discussion of grain trade problems, practices and needed reforms. When you have anything to say of interest to members of the grain trade, send it to the Journal for publication. It may draw out the views of others.]

Railroad Confiscations Absorb Profits.

Grain Dealers Journal: Our fight with the railroad for a claim reported in this column July 10 was not our first experience, with the Baltimore & Ohio R. R. Co. in the practice of its nefarious and high-handed game of converting to its own use the property of shippers entrusted to it for transportation.

A carload of oats in 1907 was billed thru from Rice, O., to Walkersville, W. Va., with freight charges prepaid, and we still hold the original B/L. By error of the agent the car was not properly held at point designated in B/L, and after a delay of several weeks it became necessary to make a back-haul.

The railroad company attempted to collect demurrage and other unjust charges before it had completed service or delivered the car at its final destination in accordance with the terms of the B/L. The car never got within several hundred miles of its destination, but the grain was unloaded at Bellaire, O., by the Baltimore & Ohio R. R. Co., where it had its stockyards and was appropriated to its own use for feeding live stock. The invoice value of this shipment was more than \$700, which amount we have had outstanding since 1907, and we have now more than \$29,000 of our earnings in the hands of these unscrupulous and overreaching corporations, made up of small and large amounts, accumulating thruout a period of more than ten years.

Since we started several suits against the railroads, our troubles with shipments have multiplied, and it is now seemingly almost impossible to have a carload of grain or hay carried safely to its destination without more or less delay and trouble of some kind. During the past year we have kept a correct record of our just and legitimate railroad claims and we find that they are greater than our profits, or, in other words, the railroad companies are absorbing our profits faster than they accumulate, by collecting amounts in excess of the legal and published rate of freight on interstate shipments, shortages in weights and damages caused by delays in transit or the misrouting of shipments.

President Wilson, in his Columbus speech before his election, said of the railroads in substance as follows:

"If you have any conflicts, claims or lawsuits against any railroad corporation or system, make sure not to be under any obligations or in debt to National banks for the reason that a close relationship exists between most of the National banks and the great railroad systems."

This was a reminder that we had scarcely started our first suit against the railroad company until called to explain to a certain bank, and, altho we have in our own right title to real estate and personal property in Ohio and West Vir-

ginia to the value of more than \$75,000 (not including the \$29,000 stolen from us by the railroads), against which there are no mortgages, encumbrances or deeds of trust, for some unexplainable reason our credit with the National banks has gone to seed. Many false reports have originated and been started in our home town for the sole purpose of throwing a scare into business circles and the farming sections.

As long as we feel we are fighting for a just cause and can see a glimmer of hope, we will continue to knock at the vestibule of the temples of justice and even grow old, bald and wrinkled in exploring the recesses of the laws and courts in an effort to find a remedy for wrongful acts and to bring to account the wasps and hornets that have been stinging us for the past ten years.—T. C. Linger, mgr. Ohio Hay & Grain Co., Findlay, O.

Grain Stolen in Transit.

Grain Dealers Journal: In your issue of July 10th, page 46, we read the article written by Alex White, of Broughton, O., under the heading, "Grain Systematically Stolen in Transit." We have had exactly the same experience in all our shipments to Buffalo in the past two months. Every car we have shipped to that market in that time has come up with a shortage of from twenty to thirty-six bushels.

Yesterday we got account of sales from a Buffalo firm for a car of oats. Notations were as follows: "No seals on car on arrival; short eleven hundred eighty pounds." Now, we use our own seals and keep a record of the number of each seal on every car we ship. We filed claim for the shortage against the railroad company. We sure have a good claim.

We ship over the Nickel Plate, and

that company is very fair with us in nearly all cases. They furnish us car liners free. It is really a good investment for them.—Yours truly, Nickel Grain Co., J. G. Bauer, Mgr, Valparaiso, Ind.

Markets for Grain on Track.

The foreign demand for wheat which was so strongly felt during May and June has continued right into the new crop season.

Old world conditions are reflected best in the price of wheat at Budapest. A year ago on July 25 the Budapest market closed at \$1.27½ per bushel for October delivery wheat. This year on the corresponding date Budapest closed at \$1.54½. A year ago Chicago September wheat sold at 86¢, and on July 25 this year at 83 cents per bushel. Thus the foreign market is 27 cents higher and the domestic market 3 cents lower.

Kansas wheat growers made strenuous efforts to depress the price of wheat and succeeded only in this country.

Spot wheat has constantly commanded a premium over the deferred deliveries, making it easy for the grain receivers to clean up the daily car lot receipts, heavy as they have been, much of the grain on track being snapped up to fill sales previously made. No. 2 red winter on track at Chicago July 25 sold 1 cent over July and 2 cents over September delivery, at 35 cents. No. 2 northern spring sold at 94 cents. The total arrivals of wheat at Chicago one day recently were 1826 cars, the quantity of grain breaking all records for a single day's receipts.

Corn is selling at the extravagantly high price of 77½ cents at Chicago for the No. 2 white; No. 2 yellow is worth 74 cents and No. 2 mixed about the same. Most of the corn arriving on



Many Loads of Grain are Pushed from Smith to Jones by the Power of the Non-enforceable Oral Contract.

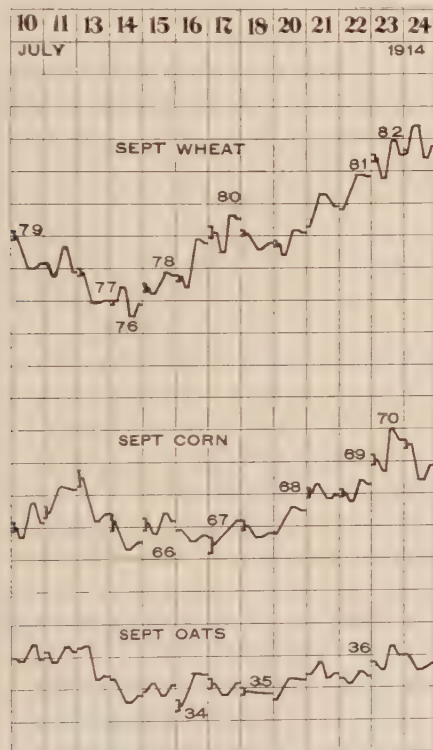
track is grading No. 2 and No. 3 under the new rules, the percentage of No. 5 and No. 6 not being large enough to depress the price, even sample grade commanding 69 to 70 cents.

The fact that the visible supply of corn July 25 is down to 3,529,000 bus., against 7,817,000 bus. a year ago tells its own story of hand to mouth merchandising that will continue until the new crop comes on the market. Argentine shipments are less than half what they were a year ago. With old crop corn commanding 14 cents premium over the December delivery there is every inducement to let stored corn come forward.

WE CANNOT DO without the Grain Dealers Journal. Every page and item is good for the progressive grain dealer.—Thomas & Brink Grain Co., per J. R. Thomas.

Chicago Futures

Opening, high, low and close on wheat, corn and oats at Chicago for two weeks are given below. For complete collection of similar Charts back ten years see The Journal's Chart Book.



DAILY CLOSING PRICES.

The closing prices of wheat and corn for September delivery at the various markets for the past two weeks have been as follows:

SEPTEMBER WHEAT.

	July 10.	July 11.	July 13.	July 14.	July 15.	July 16.	July 17.	July 18.	July 20.	July 21.	July 22.	July 23.	July 24.
Chicago	78½	77½	77	76½	77½	78½	79½	79	79½	79½	80½	81½	81½
Minneapolis ..	79½	80½	78½	78½	79½	81	81½	80½	81	82½	83½	84½	83½
Duluth	81½	81½	80	79½	81	82½	83	82½	82½	83½	85½	85½	85½
St. Louis	76½	76½	75½	75½	76½	77½	78½	77½	78½	79½	80½	81½	81½
Kansas City ..	71½	71½	70½	70½	71½	72½	73½	72½	73½	74½	75½	76½	75½
Milwaukee	78½	78	77	76½	77½	78½	79½	78½	79½	79½	80½	81½	81½
Toledo	80½	80½	79½	79	80	81½	82	81½	82½	83½	84½	85½	85½
Baltimore	83½	82½	82½	82½	82½	83½	84½	84½	84½	85½	85½	86½	85½
*Winnipeg	82	82½	81½	81½	82½	83½	83½	83½	83½	84½	85½	86½	85½
*Liverpool	98	97½	96½	95½	96½	96½	97½	97½	97½	97½	98½	99½	100½
*Budapest	142	141½	141½	143½	143	144	145½	145½	145½	147½	149½	151½	153½

SEPTEMBER CORN.

	July 10.	July 11.	July 13.	July 14.	July 15.	July 16.	July 17.	July 18.	July 20.	July 21.	July 22.	July 23.	July 24.
Chicago	67½	68½	67½	66½	67½	66½	67½	66½	67½	67½	68½	69½	68½
Kansas City ..	65½	66½	65½	65	65½	65½	65½	65½	65½	66½	67½	68½	68
St. Louis	67½	68½	68½	67½	68½	67½	67½	67½	68½	69½	70	71½	70
Liverpool	66½	66½	67	67½	68½	68½	69½	69	71	72½	71½	73½	74½

*October delivery.

Asked— Answered

[Readers who fail to find information desired on any subject of interest to grain dealers should send us their query for free publication here. The experience of your brother dealers is worth consulting. Replies to queries are solicited.]

How to Keep Competitor from Overbidding?

Grain Dealers Journal: What can be done with a competitor who pays from ¼ to ½ cent more than Chicago bids at this station, and where this same company has no competition at prices 2 cents to 4 cents less?—A. F. Conrad, mgr. Steward Farmers Elevator Co., Steward, Ill.

Does Trap Do the Work?

Grain Dealers Journal: Some time ago we saw advertised a trap into which the rats ran in and dropped dead. Is there any assurance that the trap does the work?—Harrach & Earl Grain Co., Denton, Neb.

Ans.: No; this trap is not to be recommended.

Does a Contractor's Liability Involve the Owner?

Grain Dealers Journal: In case we have a contractor build an elevator, could we be held responsible for any liability, considering, of course, that he agrees to complete and turn over the building for a certain sum? In case he does not fully protect his workmen with liability insurance, could those men in any way hold us or the house?—Kelso Grain Co., Cherokee, Kan.

Ans.: Sec. 4 of the Kansas Workmen's compensation act, effective in January, 1911, provides for the liability of the principal only when he has employed a sub-contractor. An owner employing an independent contractor to erect a building is not liable for any injury to the workmen. As the owner has no power to compel the use of safe scaffolding, sound ropes or the hiring of careful fellow workmen, it would be inequitable to place the responsibility for neglect upon his shoulders.

The enforcement of the Kansas Workmen's Compensation Act rests upon the Kansas Commissioner of Labor, and Commissioner W. L. O'Brien writes that under the interpretation of the Assistant Attorney-General the owner is not liable in the case as submitted by the Kelso Grain Co.

Certain stock companies selling liability and casualty insurance are industriously disseminating misinformation among owners in an endeavor to persuade them to protect themselves with needless insurance.

Operators of elevators and mills are sufficiently burdened with the liabilities incident to the moving machinery in their plants without having thrust upon them the casualty insurance expense legally chargeable only to the contractor.

What Are New Corn Grades?

Grain Dealers Journal: Will the Journal give me information about how to grade corn under the new Federal Corn Grades which became effective on the first of this month?—N. H. Mongeau, Marshall, Minn.

Ans.: Read the Government rules for grading corn following:

GOVERNMENT GRADES OF CORN.

Grade.	Moisture. Pct.	Damaged corn.	Dirt.	Cracked corn.
No. 1.....	14.0	2%	1%	2%
No. 2.....	15.5	4%	1%	3%
No. 3.....	17.5	6%	2%	4%
No. 4.....	19.5	8%	2%	4%
No. 5.....	21.5	10%	3%	5%
No. 6.....	23.0	15%	5%	7%

"Sample"—see General Rule No. 6.

No heat damaged or mahogany kernels permissible in grades No. 1, 2 or 3.

In the stated percentage of damaged corn permissible there may be included heat damaged or mahogany kernels to the extent of ½% in No. 4; 1% in No. 5, or 3% in No. 6.

"Dirt" includes foreign material, other grains and finely broken corn and cob.

"Cracked corn" does not include finely broken corn.

GENERAL RULES.

1. The corn in grades No. 1 to No. 5 inclusive must be sweet.

2. **White Corn**, all grades, shall be at least 98 per cent white.

3. **Yellow Corn**, all grades, shall be at least 95 per cent yellow.

4. **Mixed Corn**, all grades, shall include corn of various colors not coming within the limits for color as provided for under white or yellow corn.

5. In addition to the various limits indicated, No. 6 corn may be musty, sour, and may also include corn of inferior quality, such as immature and badly blistered.

6. All corn that does not meet the requirements of either of the six numerical grades by reason of an excessive percentage of moisture, damaged kernels, foreign matter or "cracked" corn; or corn that is hot, heat damaged, fire burnt, infested with live weevil, or otherwise of distinctly low quality, shall be classed as sample grade.

7. In No. 6 and sample grade, reasons for so grading shall be stated on the inspector's certificate.

8. "Finely Broken" corn shall include all broken particles of corn that will pass through a perforated metal sieve with round holes nine-sixty-fourths of an inch in diameter.

9. "Cracked" corn shall include all coarsely broken pieces of kernels that will pass thru a perforated metal sieve with round holes one-quarter of an inch in diameter, except that the finely broken corn as provided for under Rule 8 shall not be considered as "cracked" corn.

10. It is understood that the damaged corn: the foreign material, including pieces of cob, dirt, finely broken corn, other grains, etc., and the coarsely broken or "cracked" corn, as provided for under the various grades, shall be such as occur naturally in corn when handled under good commercial conditions.

11. Moisture percentages, as provided for in these grade specifications, shall conform to results obtained by the standard method and tester as described in Circular 72, Bureau of Plant Industry, U. S. Department of Agriculture.

BRITISH INDIA'S wheat crop will be decreased 1,332,000 tons compared with the crop of last season, according to the official estimates. The estimate is 8,385,000 tons, of which 3,428,000 tons will come from the Punjab district, which alone will yield an increased crop. Compared with the average crop for the past five years ending with the season of 1911-12, the yield for this year is only 187,000 tons short.

Crop Reports

Reports on the acreage, condition and yield of grain and field seeds, as well as on the movement to country markets, are always welcome.

CANADA.

Edmonton, Alta., July 15.—Spring wheat acreage in Alberta for 1913 was 1,043,114 acres; yield 20,360,104 bus.; compared with 957,874 acres; yield 17,434,774 bus. for 1912. Winter wheat acreage for 1913 was 83,719 acres; yield 1,250,129 bus.; compared with 120,811 acres; yield 2,395,875 bus. for 1912. Oats acreage for 1913 was 1,221,450 acres; yield 44,078,325 bus.; compared with 971,969 acres; yield 37,085,234 bus. for 1912. Barley acreage for 1913 was 333,462 acres; yield 8,645,812 bus.; compared with 225,055 acres; yield 6,287,112 bus. for 1912.—Hon. Duncan Marshall, Minister of Agriculture.

COLORADO.

Sterling, Colo., July 10.—Crop prospects fine here.—F. S. Warren.

DELAWARE.

Felton, Del., July 17.—Winter wheat fine crop; yield 20 to 35 bus.; prospect for good corn crop but little late.—A. B. Conner.

IDAHO.

Sweetwater, Ida., July 10.—White winter barley making about 50 bus.; all grain looking fine; no doubt will have another bumper crop this year.—Peter Muench, agt. J. Alexander Co.

Ucon, Ida., July 10.—Growing grain good; spring grain now heading; expect to harvest largest crop in history of this section.—J. C. Godfrey, mgr. Gem State Roller Mill & Elvtr. Co.

ILLINOIS.

Aledo, Ill., July 14.—Oats in fine shape; not much rust on oats.—T. J. Heald.

Westervelt, Ill., July 14.—Oats less than one-half crop; corn needs rain badly.—G. G. Bartscht, prop. Ridge Grain & Elvtr. Co.

Sibley, Ill., July 10.—Oats will probably average 30 bus.; corn tasseling out; hot and dry.—E. T. Johnston, mgr. Sibley Grain Co.

Emden, Ill., July 23.—Wheat acreage increased 20%, averaging 28 bus.; very choice quality; only few acres plowed up and planted to corn; will have full crop oats and corn.—Agt. Smith-Hippen Co.

Chillicothe, Ill., July 16.—Wheat turning out good; will probably average 30 bus.; some damaged by smut, but most is in fine condition. On July 11 got 1,000 bus. soft wheat from 27 acres, test 62½ lbs. Oats will be rather light thru this section.—Guy McFarland, mgr. W. W. Dewey & Sons.

Buffalo Hart, Ill., July 21.—Wheat good grade and good yield; 60 acre field average 36½ bus. by weight; corn needs rain badly; tasseling and shooting very short; there will be usual amount wheat sown this fall; chinch bugs are plentiful but have not done much damage so far.—J. E. Sullivan, agt. Central Illinois Grain Co.

INDIANA.

Gessie, Ind., July 15.—Wheat averaged 22 bus.—W. S. Lasley & Son.

Washington, Ind., July 15.—Wheat good; grain good yield.—Norris & Kidwell.

Greentown, Ind., July 10.—Wheat average 23 bus.; oats ½ crop; corn suffering for rain.—John Holliday & Son.

Warsaw, Ind., July 10.—Wheat quality good in some sections; fair in other sections account fly; averaging 15 to 20 bus.; new oat crop fair; needs rain badly.—W. L. Moore, agt. Kinsey Bros.

IOWA.

Bagley, Ia., July 14.—Prospects for big crop in this section good; oats will be lightest crop.—E. Phipps, mgr. H. W. Pollock & Co.

Wilke, Ia., July 18.—Crops best ever seen here; plenty of rain.—H. F. Wilke.

Granger, Ia., July 14.—Grain is a little light here.—J. C. Smith, mgr. Wm. Gleason.

Harris, Ia., July 25.—Oats crop a little light; had enuf rain; other crops look good.—H. Umland.

Hubbard, Ia., July 16.—Oats crop good; corn never looked better; look for bumper crop.—B. P. Greenfield.

Holstein, Ia., July 14.—Corn extra good; barley and oats fair; oats rusting badly; no wheat raised here.—Farmers Elvtr. Co.

Leland, Ia., July 23.—Think grain will be better than expected as rust has not damaged as much as at first estimated.—Farmers Elvtr. Co.

Richards, Ia., July 17.—Oats and corn prospects fine; never saw corn so far advanced at this time; most is in tassel.—J. F. Watson, agt. Quaker Oats Co.

Story City, Ia., July 23.—Oats not good quality; weighing about 29 lbs.; yield good; from 40 to 50 bus.; corn while not suffering so far will need rain in near future.—A. J. Nelson, mgr. E. L. Ericson.

Des Moines, Ia., July 19.—Hot weather prevailed until July 16 when quite general showers preceded a cool wave; heavy showers also occurred in many localities on the 12th, the heaviest rain both on the 12th and 16th, being reported from the eastern part of the south central and southeastern counties where the moisture was badly needed. In many localities the showers were accompanied by high winds and electrical storms, and in some sections by hail. Much damage was done to corn and grain. Corn was blown down and uncut grain was badly lodged; beneficial effects of the rain will far exceed the amount of damage done by wind and hail. Corn over the greater part of the state is still in good condition, earing well, but more rain would be beneficial. Reports indicate fair to good yields of all grains.—Iowa Section, Weather Bureau, Dept. of Agriculture.

KANSAS.

Norwich, Kan., July 10.—Wheat fine crop; averaging 27 bus.—H. Bell.

Gorham, Kan., June 29.—Wheat fine quality in this territory.—Farmers Grain & Merc. Co.

Coffeyville, Kan., July 18.—Red oats yielding 40 to 80 bus.; red wheat yielding 40 bus.—Perry N. Allin, Perry N. Allin Grain Co.

Clyde, Kan., July 18.—Corn badly damaged by lack of moisture and hot weather; wheat good; yield 20 to 25 bus.; oats short crop.—Chas. Mather, mgr. Brandon Grain Co.

Meade, Kan., July 24.—Wheat making 15 to 25 bus.; testing light; ¾ wheat 55 to 59 lbs.; threshing machine men complain of too much straw to handle for amount of wheat.—W. W. Gibbons, mgr. Co-operative Elvtr. & Sply. Co.

Burlington, Kan., July 24.—Some fine wheat raised here this year on an average with last; rains about 1 month ago lowered quality making some unfit for milling; grading much better now; corn great; must have rain within week or impairment will follow.—Excelsior Mills.

Girard, Kan., July 20.—Considerable wheat sprouted account heavy rains of July 4 and 6; corn looking better than ever before at this time of year; if we get another good rain within next week or 10 days will have bumper crop of wheat, oats and corn; some wheat making 45 bus.; some oats making as high as 70 bus.—W. M. Reckewey.

MICHIGAN.

Fremont, Mich., July 23.—Crops looking fine; wheat, rye and oats look like bumper crops.—Walters Bros.

Mason, Mich., July 21.—Oats fine; best crop in 15 years; wheat yield 25 bus.; corn looks fine; rye good; acreage small.—Mason Elvtr. Co.

Flint, Mich., July 24.—Wheat never better in this section; beans, corn and oats very good.—J. P. Burroughs & Son.

Ann Arbor, Mich., July 20.—Oats crop fair; corn good; bean crop acreage larger than last year, looks fine.—Michigan Mlg. Co.

Lansing, Mich., July 21.—The Michigan Agricultural College department of entomology has wired instructions as to the best way to check the army worm in central and northeastern Michigan. The losses already sustained by farmers are said to have reached thousands of dollars. The plowing of two or three furrows around affected fields and poisoned bait are the remedies suggested by the M. A. C. authorities.

MINNESOTA.

Triumph, Minn., July 10.—All crops look good.—Jas Meehan.

St. Paul, Minn., July 24.—Crops in this section best in years.—Jameson, Hevener & Griggs.

Rothsay, Minn., July 18.—Crops look good.—G. E. Paulson, mgr. Farmers Grain & Merc. Co.

Minneapolis, Minn., July 22.—In central and southern Minnesota considerable damage has been done by heat to wheat and oats; crop is further advanced than in South Dakota and we believe that what black rust is present will not be able to do amount of injury which it could in South Dakota.—Van Dusen-Harrington Co.

MISSOURI.

Steedman, Mo., July 16.—Crops only fair.—Becker & Son.

Kearney, Mo., July 17.—Winter wheat acreage largest ever raised here; yield 25 to 30 bus.; corn acreage less than last year; prospect better; condition 95%.—Winn Grain Co.

Stark City, Mo., July 18.—Wheat best in years; averaging 25 bus.; oats good; corn in full silk; looking fine; one more rain will make it good; have good prospect for it today.—Robt. L. Harris, agt. Neosho Mlg. Co.

MONTANA.

Dillon, Mont., July 18.—Grain in fine condition.—Beaverhead Grain Co.

Crane, Mont., July 10.—Finest crops ever.—A. H. Young, agt. Valley Merc. & Lbr. Co.

Havre, Mont., July 10.—Unless have rain within next few days will not have ½ crop.—H. Earl Clack Co.

Livingston, Mont., July 20.—Prospects for wheat here and thru Montana best ever known; oats fair; acreage decreased.—Billy Miles & Sons.

Drummond, Mont., July 21.—All crops in best condition at present time; winter wheat yield very promising.—F. Emery, mgr. Farmers Elvtr. Co.

Concord, Mont., July 10.—Crops fine up to week ago; hot or dry weather had bad effect; need rain; winter wheat best crop; summer fallow crops fine.—J. E. Helms.

Lewiston, Mont., July 11.—Crop conditions very favorable; winter wheat acreage somewhat less than last year, but acreage of spring wheat considerably increased; anticipate as large a crop as we had in 1913.—Montana Flour Mills Co.

NEBRASKA.

Alda, Neb., July 15.—Wheat running 25 to 35 bus.; getting somewhat dry for corn.—S. Mac Murray.

Ruskin, Neb., July 21.—Wheat acreage same as last year; none plowed up; yield from 20 to 27 bus.; few fields yielding 40 bus.; quality not as good as last year account too much rain.—J. F. Strobehn, agt. Wright-Leet Grain Co.

Rising City, Neb., July 17.—Wheat has not turned out as well as expected; yielding from 10 to 25 bus.; corn looks good but needs rain; oats extra good; best ever raised; will make 40 to 80 bus.—C. B. Barker, agt. Dawson Grain Co.

Rosemont, Neb., July 15.—Wheat making 25 to 35 bus.; good quality.—Thos. Sirrs, mgr. Koehler-Twisdale Elvtr. Co.

Albion, Neb., July 21.—Wheat not as good as expected account hail; corn about ½ crop.—Chas. S. Phelps, agt. Nye Schneider Fowler Co.

Rulo, Neb., July 23.—Wheat averaging 12 to 20 bus.; none plowed up; wheat acreage increased 10%.—J. J. Shannon, agt. Central Granaries Co.

Rising City, Neb., July 15.—Wheat short; about ½ average; running from 15 to 18 bus. with a few fields 22 to 23 bus.—J. C. Perry, agt. Updike Grain Co.

Scotia, Neb., July 15.—Crops never looked better; wheat all cut; good yield and quality. Oats best in years. Corn doing fine.—B. E. West, agt. Scotia Grain & Stock Co.

Dixon, Neb., July 22.—Oats rather light weight; about 50 bus. to the load; just weigh out; pretty dry here; corn needs rain badly; last rain was July 3.—F. J. Hopkins, agt. Atlas Elvtr. Co.

Shelton, Neb., July 14.—Fair crop of wheat; fine quality; yield 20 to 30 bus. Weather dry and hot; corn needing rain; oat crop good; small acreage.—J. K. Simpson, mgr. Trans-Mississippi Grain Co.

Denton, Neb., July 10.—Wheat not as good as expected; averaging from 14 to 25 bus.; had some hail and high water which damaged wheat considerably; oats pretty good; corn looks good; getting dry; need good shower.—P. Harrach, Harrach & Earl Grain Co.

Stratton, Neb., July 11.—Expect a good fair wheat crop; say what less than estimated on account of hail storms; quality very good; running mostly to dark turkey. Corn and feed never looked better; prospects are favorable for a large crop of both.—F. J. O'Donnell, O'Donnell Grain Co.

NORTH DAKOTA.

Kelso, N. D., July 17.—Wheat, oats and barley condition 100%; rye heading.—J. W. Shinnick.

Gardner, N. D., July 17.—Condition grain 90%; crop late; beginning to head.—C. B. Pritchard.

Wyndmere, N. D., July 25.—Crop prospects good.—J. L. Olson, agt. Farmers Elvtr. Assn.

Woonsocket, N. D., July 14.—Crop prospects good here.—H. D. Reed, agt. South Dakota Grain Co.

Grandin, N. D., July 17.—Condition wheat 90%; grain heading; acreage 100%.—H. W. Reynolds.

Moselle sta (Wyndmere p. o.), N. D., July 25.—Grain crops looking good.—H. L. Schoonover, agt. Osborne-McMillan Elvtr. Co.

Pisek, N. D., July 17.—Condition wheat 110%; oats 95%; barley poor account wild oats; grain acreage 100%; heading.—J. J. Kadler.

Thompson, N. D., July 23.—Lots red and some black rust; all grain hurt by same; crops overestimated.—M. C. Gaulke, mgr. Farmers Elvtr. Co.

Beach, N. D., July 17.—Condition wheat, oats and barley 110%; corn 80%; corn acreage increased 50%; grain acreage 100%.—F. A. Powers.

Honeyford, N. D., July 17.—Condition wheat 110%; oats 95%; barley and corn 100% grain acreage 100%; corn acreage increased.—W. W. Erb.

Chaffee, N. D., July 17.—Condition wheat, oats and rye 100%; barley and corn 80%; corn acreage increased; grain acreage 100%.—I. M. Bunn.

Colgate, N. D., July 17.—Condition wheat, corn and barley 110%; grain headed; wheat, barley and oats acreage average; corn and rye increased.—T. M. Comer.

Reeder, N. D., July 25.—No appreciable black rust in this vicinity owing to drought and hot weather; crop will average 10 bus.; corn doing fine; will yield well; cattle and hog raising on the increase.—Farmers Co-operative Grain & Sply. Co.

Regent, N. D., July 17.—Grain acreage 110%; wheat and corn condition 100%; rye acreage increased; condition 100%; barley condition 100%.—A. K. Moehn.

Sharon, N. D., July 17.—Condition wheat, oats and barley 110%; corn late; acreage increased; barley acreage increased; wheat acreage normal.—N. A. Anderson.

Glenfield, N. D., July 16.—All grain in this locality looking fine; weather ideal for grain today; temperature 65° with northwest cool wind.—August W. Johnson.

Moselle sta (Wyndmere p. o.), N. D., July 17.—Wheat, corn and barley condition 110%; rye acreage small; condition good; grain acreage average.—S. A. Jackson.

Charles, N. D., July 21.—Crops up to week ago looked fine, but have been having warm weather; over 25% late grain here which is suffering for moisture.—F. W. Wood.

Embsden, N. D., July 17.—Condition wheat and oats 100%; barley and rye 80%; wheat, rye and oats acreage normal; barley acreage increased; rye heading.—A. Tausan.

Valley City, N. D., July 17.—Condition wheat 90%; corn, barley and rye 85%; general acreage 100%; wheat acreage decreased 10%; corn acreage same.—J. H. S. Thomson.

Sherwood, N. D., July 17.—Wheat and barley condition 125%; oats 115%; corn 80%; wheat acreage 110%; barley 130%; corn acreage increased; rust not bothering.—A. A. Lane.

Nome, N. D., July 11.—Good prospects for a bumper crop; plenty of rain and cool weather in June. Corn in fine shape; no indications of rust; wheat heading nicely.—G. Nelson, mgr. Crown Elvtr. Co.

North Dakota, July 22.—Reliable reports of black rust, principally from southern end of Red River Valley where there was so much rain this year, and from southern tier of counties. What damage may be done in these districts is purely a matter of weather conditions from now on; weather in northwest past 4 or 5 days has been hard on wheat plant, but today is cooler and northerly winds prevail; hope that these conditions will tend to ripen grain without further developments of black rust.—Van Dusen-Harrington Co., Minneapolis, Minn.

OHIO.

Forest, O., July 10.—Wheat average crop; oats improved greatly since rains; corn doing fine.—C. E. Emery.

Greenville, O., July 18.—Crops looking fine at present; wheat yield fair; oats short; quality fair.—Wenrick, Mote & Hawkins.

Huron, O., July 21.—Grain acreage normal; some wheat fields rather poor account big yield on same fields last year.—H. J. Merthe.

Columbus, O., July 1.—Wheat prospect compared with normal yield 102%, or 15½ bus.; damaged by joint worm 4%; barley prospect compared with normal yield 90%; rye 95%; oats 74%. Corn acreage is 2,901,070 acres which is 95% of 1913 acreage which was 2,988,115 acres; condition 89%; 3% has been damaged by cut worm and 3% by grub worm.—A. P. Sandles, Com's'n'r-in-Charge, Division of Agriculture, Agricultural Com's'n of Ohio.

OKLAHOMA.

Hammon, Okla., July 19.—Dry here now.—J. D. Hall, mgr. Roger Mills Co. Co-operative Ass'n.

Orlando, Okla., July 18.—Corn crop nearly failure; oats will average 25 bus.; wheat 15 bus.; threshing 10 to 25; kafir looking well.—P. J. Meagher.

Goodwell, Okla., July 24.—Wheat acreage small; kafir and maize acreage medium; promises to be good; failure to get stands; some destroyed by hoppers.—B. B. Elkins.

SOUTH DAKOTA.

White, S. D., July 19.—No winter wheat raised here.—Barg & Barg.

Crandon, S. D., July 24.—Grain was not damaged much by rust.—G. G. Stahl, mgr. Farmers Elvtr. Co.

Kaylor, S. D., July 21.—Crops very light; wheat yield 3 to 10 bus.; oats 10 to 25 bus.; corn no good.—Till & Koch.

Sinal, S. D., July 10.—Crops fine; especially corn; considerable red rust in oats and wheat; some black rust reports.—A. Larson, mgr. Farmers Shpg. Ass'n.

Mobridge, S. D., July 18.—Crops look fine; abundance of moisture; best crop in history of this district; wheat, oats and barley acreage 100%.—Agt. Western Grain Co.

Wessington Springs, S. D., July 18.—Wheat badly damaged in this locality by rust and dry hot weather; corn doing well but needs rain.—J. H. Creighton, mgr. Farmers Elvtr. Co.

Ipswich, S. D., July 13.—Crops within radius of 10 miles are in excellent condition; grain ripening; acreage smaller than usual; no black rust visible; sufficient moisture; will have best crop since 1888.—A. J. Moritz.

South Dakota, July 22.—Early wheat, which is ripe at the present time and some of which has already been cut in the Jim River Valley, has been hard hit by heat and black rust; probable yield having been reduced from 25% to 35% from the prospects they had 2 weeks ago; early wheat comprised about 75% of wheat acreage in north end of valley and about 35% of wheat acreage around Huron; late sown wheat is all infected with black rust and it is impossible to estimate the amount of damage the disease may do as progress it may make is entirely dependent upon weather conditions; late sown wheat has already suffered somewhat from hot weather; east of the Jim River Valley, wheat is not so far advanced but is already badly infected with black rust; some damage has already been done but to what extent it is impossible to state; barley and oats are unaffected and speaking generally look good.—Van Dusen-Harrington Co., Minneapolis, Minn.

TEXAS.

Mansfield, Tex., July 17.—Crop less than ¼; some not harvested; much of it baled for feed; corn will be about ¼ crop; no rain since May 30.—J. H. Harrison.

Wylie, Tex., July 13.—Small grain ½ average yield; corn suffering for rain; will only make about ½ crop without rain; will need rain soon to be of any benefit.—H. W. Lawrence.

WISCONSIN.

Ft. Atkinson, Wis., July 17.—Grain prospects good in this section.—F. E. Green.

Madison, Wis., July 15.—Condition winter wheat July 1 was 95.9% compared with 95.4% on June 1; spring wheat 95.3%, compared with 96.6% on June 1; winter rye 95.9%, compared with 96.8% on June 1; spring rye 95.3%, which is same as June 1; barley 97.6%, compared with 96.7% on June 1; oats 98.8%, which is better than on June 1; corn 94.6%. Corn on lowlands affected considerably by excessive rains and cold weather following planting. Oats suffering some damage from heavy winds; rust appearing in some localities.—State Board of Agriculture.

WASHINGTON.

Sunset, Wash., July 10.—Fall grain good; this is worst year for smut we have had for some time.—D. M. McCance.

Ewan, Wash., July 10.—Present outlook good altho wheat contains considerable smut.—Frank L. Currie, mgr. Rock Lake Elvtr. Co.

I LIKE to read the Grain Dealers Journal because it has so many interesting letters from dealers, its news items are reliable and its Supreme Court decisions are invaluable.—H. J. Keefer, mgr. Easton Farmers Grain Co., Easton, Ill.

Grain Movement

Reports on the movement of grain from farm to country elevator and shipments from interior points are always welcome.

COLORADO.

Sterling, Colo., July 10.—Nearly all winter wheat will be in shock this week.—F. S. Warren.

DELAWARE.

Felton, Del. July 17.—Winter wheat now being marketed at 77c f. o. b. here.—A. B. Conner.

IDAHO.

Ucon, Ida., July 10.—Will harvest winter wheat in about 15 days.—J. C. Godfrey, mgr. Gem State Roller Mill & Elvtr. Co.

Sweetwater, Ida., July 10.—Harvest and threshing started this week; and no doubt by middle next week will be in full blast.—Peter Muench, agt. J. Alexander Co.

ILLINOIS.

Buffalo Hart, Ill., July 21.—Wheat all in.—J. E. Sullivan, agt. Central Illinois Grain Co.

Aledo, Ill., July 14.—Oats threshing will commence in full force next week.—T. J. Heald.

Emden, Ill., July 23.—Farmers holding 35% oats and no wheat.—Ag't. Smith-Hippen Co.

Chillicothe, Ill., July 16.—Oats threshing will start today.—Guy McFarland, mgr. W. W. Dewey & Sons.

Sibley, Ill., July 10.—Oats cutting will commence next week.—E. T. Johnston, mgr. Sibley Grain Co.

Chicago, Ill., July 11.—First car new oats arrived today; graded Standard white and sold for 39c. First arrival last year was July 21; for 5 preceding years was July 1 to 25, earliest being July 1 in 1912. First 1914 rye arrived from Illinois today; 1 car graded No. 1 and the other No. 2. First car received last year was July 14.

Peoria, Ill., July 1.—Receipts of wheat for June, 1914, were 53,000 bus., compared with 79,600 bus. for June, 1913; corn, 1,146,125 bus., compared with 1,469,435 bus.; oats, 949,600 bus., compared with 989,075 bus.; rye, 26,400 bus., compared with 22,800 bus., and barley, 153,400 bus., compared with 256,900 bus. for June, 1913. Shipments for June were wheat 20,000 bus., compared with 30,000 bus. for June, 1913; corn, 506,591 bus., compared with 1,138,622 bus.; oats, 1,180,600 bus., compared with 1,171,690 bus.; rye, 6,000 bus., compared with 3,600 bus.; and barley, 75,545 bus., compared with 95,445 bus. for June, 1913.—John R. Lofgren, sec'y Board of Trade.

INDIANA.

Gessie, Ind., July 15.—Wheat all threshed.—W. S. Lasley & Son.

Washington, Ind., July 15.—Shipping 2 cars grain daily at present.—Norris & Kidwell.

Warsaw, Ind., July 10.—Just commenced wheat threshing; all old oats and corn on hand and in farmers hands will be used at home.—W. L. Moore, agt. Kinsey Bros.

IOWA.

Granger, Ia., July 14.—Just started to thresh wheat.—J. C. Smith, mgr. Wm. Gleason.

Story City, Ia., July 23.—New oats commencing to come in.—A. J. Nelson, mgr. E. L. Ericson.

Des Moines, Ia., July 19.—Harvesting is about completed in southern counties and well advanced in northern districts; threshing is progressing rapidly.—Iowa Section, Weather Bureau, Dept. of Agriculture

Hubbard, Ia., July 16.—Oats threshing will start in about a week; no old oats left; some old corn back.—B. P. Greenfield.

KANSAS.

Wakeney, Kan., July 15.—No new wheat so far.—Hardman Lbr. Co.

Girard, Kan., July 20.—Wheat movement just starting.—W. M. Reckewey.

Gorham, Kan., June 29.—Wheat nearly all harvested.—Farmers Grain & Merc. Co.

Meade, Kan., July 24.—New wheat moving freely.—W. W. Gibbons, mgr. Co-operative Elvtr. & Sply. Co.

MICHIGAN.

Ann Arbor, Mich., July 20.—Wheat threshing just commenced.—Michigan Mlg. Co.

Flint, Mich., July 24.—Wheat not all harvested but all cut and in shock or barns.—J. P. Burroughs & Son.

Collins, Mich., July 11.—Looks as tho we would handle more wheat than usual.—Geo. Knowles, agt. J. D. McLaren Co.

Detroit, Mich.—The first new wheat reached this market recently and was consigned to the Caughey-Swift Co. It was shipped from Indiana and graded No. 2 red. It was sold at 82½c.

Fremont, Mich., July 23.—Not much grain shipped out; most fed on farm; dealers offering 32c for No. 2 white oats and 75c for wheat; we are paying 40, 55 and 80c. Seems as tho dealers cannot get together and pay the market price for stuff.—Walters Bros.

MINNESOTA.

Minneapolis, Minn., July 22.—Barley harvest general; oats harvest beginning; early wheat being cut; late wheat will be cut next week.—Van Dusen-Harrington Co.

Minneapolis, Minn., July 24.—First 1914 spring wheat, consisting of 2 cars, was inspected by state grain inspection dept. today. One car which came from Iowa graded No. 3, velvet chaff, and the other No. 2, northern.

MISSOURI.

Steedman, Mo., July 16.—Threshing is over.—Becker & Son.

Charleston, Mo., July 11.—Wheat about all gone.—O. A. Crenshaw Grain Co.

Kearney, Mo., July 17.—Winter wheat all cut; threshing done.—Winn Grain Co.

MONTANA.

Dillon, Mont., July 18.—Winter wheat harvest begins about Aug. 15.—Beaverhead Grain Co.

Lrummond, Mont., July 21.—Winter wheat harvest just commencing.—F. Emery, mgr. Farmers Elvtr. Co.

NEW YORK.

New York, N. Y., July 24.—Cargo of domestic wheat cleared for Montevideo and Buenos Aires today. It was worked some time ago.

NEBRASKA.

Alda, Neb., July 15.—Threshing in full swing.—S. MacMurray.

Dixon, Neb., July 22.—Getting new oats today.—F. J. Hopkins, former agt. Atlas Elvtr. Co.

Rulo, Neb., July 23.—Farmers threshing wheat.—J. J. Shannon, agt. Central Granaries Co.

Shelton, Neb., July 14.—Wheat moving to market fast.—J. K. Simpson, agt. Trans-Mississippi Grain Co.

Albion, Neb., July 21.—Wheat moving slowly at present.—Chas. S. Phelps, agt. Nye Schneider Fowler Co.

Beaver City, Neb., July 15.—Threshed wheat has averaged 12 bus.—C. E. Coffey, agt. Central Granaries Co.

Denton, Neb., July 18.—Threshing here now; farmers binning and stacking more wheat than other years account low price.—P. Harrach, Harrach & Earl Grain Co.

Stratton, Neb., July 11.—Wheat harvesting completed about the 20th; was harvested under most favorable conditions. Threshing will begin at once.—F. J. O'Donnell, O'Donnell Grain Co., Inc.

Omaha, Neb.—The first car of new wheat reached this market recently; consigned to the Geo. A. Roberts Grain Co. by the Brock Grain Co. of Brock. The wheat graded No. 2 hard winter, testing 62 lbs.

NORTH DAKOTA.

Colgate, N. D., July 17.—Rye being cut. T. M. Comer.

Embsden, N. D., July 17.—Harvest in 10 days.—A. Tausan.

Pisek, N. D., July 17.—Harvest same as usual; about Aug. 15.—J. J. Kadler.

Reeder, N. D., July 25.—Plenty of feed of all kinds at hand.—Farmers Co-operative Grain & Sply. Co.

Thompson, N. D., July 23.—Some rye and barley being cut; harvest about Aug. 5.—M. C. Gaulke, mgr. Farmers Elvtr. Co.

Wyndmere, N. D., July 25.—Harvest will be general about Aug. 5, barley now being cut.—J. L. Olson, agt. Farmers Elvtr. Ass'n.

OHIO.

Greenville, O., July 18.—Wheat threshing making good headway.—Wenrick, Mote & Hawkins.

Cincinnati, O.—The first car of new wheat to grade No. 1, at this market, was recently received by Paul Van Luenen & Co. The wheat was of very fine quality, grading No. 1 red and testing 62½ lbs.

Columbus, O., July 1.—Present acreage of wheat is less than that harvested in 1913, which produced 28,000,000 bus., but it is expected to equal the 1913 yield.—A. P. Sandles, Com's'n'r-in-Charge, Division of Agriculture, Agricultural Com's'n of Ohio.

OKLAHOMA.

Goodwell, Okla., July 24.—Wheat shipments will be light.—B. B. Elkins.

Hammon, Okla., July 19.—Will not ship much wheat unless we get rain soon as farmers will feed most of it.—J. D. Hall, mgr. Roger Mills Co. Co-operative Ass'n.

PENNSYLVANIA.

Honesdale, Pa., July 10.—Grain trade good.—C. E. Bates.

SOUTH DAKOTA.

Ipswich, S. D., July 13.—Rye cutting in session.—A. J. Moritz.

Kaylor, S. D., July 21.—Farmers commencing to thresh.—Till & Koch.

White, S. D., July 19.—About 2% last year's crop in farmers hands.—Barg & Barg.

Crandon, S. D., July 24.—Farmers harvesting now.—G. G. Stahl, mgr. Farmers Elvtr. Co.

South Dakota, July 22.—Barley harvest well under way; oats cutting has commenced in some localities.—Van Dusen-Harrington Co., Minneapolis, Minn.

Kaylor, S. D., July 10.—Grain ready to cut; too short to use twine except for few fields; will be headed or mowed with mower.—A. G. Voll, mgr. Farmers Elvtr. Co.

WASHINGTON.

Sunset, Wash., July 10.—Harvest just started; no grain selling; farmers inclined to hold until grain is in house.—D. M. McCance.

Hatton, Wash., July 18.—J. K. Fields shipped first car new wheat from Inland Empire this week to Kerr-Gifford Co. at Tacoma.

WISCONSIN.

Ft. Atkinson, Wis., July 17.—No grain will be shipped out account heavy feeding.—F. E. Green.

Milwaukee, Wis.—The first sample of new barley to reach this market was received by the L. Bartlett & Son Co., from southwestern Iowa. It tested 42 lbs. and was bright in color.

Milwaukee, Wis., July 25.—First car new barley arrived from Iowa today, inspected sample, was ¼ warm, badly stained and weighed 44 lbs. It was sold for feed at 50c to a local shipper.

Imports and Exports of Grain.

Imports and exports of domestic grain and exports of foreign grain from the United States during May, 1914, compared with May, 1913; and for the 11 months ended June 1, 1914; compared with the corresponding period ended June 1, 1913, as reported by O. P. Austin, of the Bureau of Statistics, were in bus. as follows:

IMPORTS.				
	May, 1914.	May, 1913.	Eleven mos. ended June 1, 1914.	Eleven mos. ended June 1, 1913.
Wheat	79,965	7,616	1,934,187	776,945
Corn	1,398,639	2,515	10,771,000	883,938
Oats	1,899,708	3,045	21,958,706	717,842
Rice	29,354,381	22,814,511	273,305,208	139,288,434
Beans	83,302	71,982	1,053,129	716,346
Dr. peas	33,846	8,470	837,159	1,122,394
EXPORTS.				
Wheat	6,810,162	7,158,594	84,998,659	85,942,166
Corn	538,194	1,251,848	8,455,151	48,322,094
Oats	608,928	592,887	1,616,226	33,508,184
Rice	1,595,470	17,060,360	20,837,635	38,310,112
Barley	670,629	458,185	6,301,482	17,186,981
Rye	337,710	293,293	1,669,444	1,500,080
Buckwheat	30	10	545	1,345
Beans and dr. peas	21,623	41,031	290,557	378,328

EXPORTS OF FOREIGN GRAIN.

Wheat	102,880	704,402	67,690
Corn	190	3,957	35,887
Oats	221,237	655,156	3,500
Rice	2,918,826	1,237,510	15,191,156
Beans	622	919	18,835
Dr. peas	74,027	34,747	211,583

*Includes cleaned and uncleaned rice, broken rice, rice flour, meal, bran and polish stated in pounds.

A TAX on all the operations of the option market in Rosario, Argentina, is proposed by a bill brought forward in the Province of Santa Fe.

CANADIAN grain formerly came thru this station heavily, but last year the bonded elevator did not do much business. We are only 3½ miles from the border.—F. W. Wood, Sarles, N. D.

THE INSPECTION department of the Illinois Public Utilities Commission sampled and delivered on the Chicago Board of Trade 2,270 samples by 12:30 on July 20. This represented the largest number of cars ever handled in a single day since the establishment of the department. Eighteen hundred and thirty of this number were wheat. The department is daily receiving over 1,000 cars of grain per day for inspection, most of which is grain well for new grain.

THE CAR SURPLUS for the United States on July 15 was 228,384 cars as shown by the report of the American Railway Ass'n. This is an increase of 7,509 cars over the surplus of July 1 and represents a gain in every part of the country except in the winter wheat states and on the Pacific Coast which show a decrease, but which still have a surplus of cars. The surplus is generally distributed over the entire country. The total shortage is 1,343 cars as compared with 6,875 cars of a year ago.

THE WHEAT production for all the producing countries excepting Croatia and Slavonia for 1914 will be 2,458,000,000 bus., according to the report recently received at Washington. D. C., formulated by the International Institute of Agriculture at Rome, Italy. The estimate for the oat production exclusive of India is 2,356,000,000 bus. and for barley 1,001,000,000 bus. The estimate shows a decrease of ¾ percent in wheat production, 7.6 percent in oats and 5.7 percent in barley. The Rye production in Belgium, Spain, Italy, Luxemburg, European Russia, Switzerland, Prussia and Hungary is 1,410,000,000 bus. or a decrease of 1.9 percent. Russia's crops are less for oats 23.1 percent, for barley 14.7 percent, for rye 2.4 percent and for spring wheat 28 percent.

Grain Grades Act, III.

The third draft of the proposed law on federal grading of grain was introduced in the House July 18 by Representative Moss of Indiana, and contains no important changes from the second draft published in the Grain Dealers Journal June 25, page 1005.

Each of the three drafts contains verbatim the same sections 1, 2, and 9 to 13, the numbering of the last five being changed to 8 to 12, by the elimination of section 5.

The bill last introduced, H. R. 17,971, contains an added clause in Sec. 7 "Provided, that in states which have state grain inspection established by law the Secretary of Agriculture may, in his discretion, issue licenses to persons duly authorized and employed to inspect grain under the laws of such states at the time this act goes into effect." This clause is unnecessary, because the bill elsewhere empowers the Secretary to license any competent person to inspect grain.

A few words are added or eliminated in Sections 4 and 5 to make the meaning clear; and in Sec. 6 "reasonable" is added in defining fees.

The important question of appeal is left as in the former draft, all having the right to appeal to the Secretary of Agriculture. Thus a country shipper where there is no official inspection, shipping to another interior point not having official inspection can describe his grain by grade and each has the right of appeal to the Secretary. The grain dealer at the terminal market having official inspection will not enjoy the same privilege of describing his grain by grade unless he has obtained a certificate of grade.

Each country shipper becomes his own grain inspector, and he can compel the buyer at an interior point to take the grain, subject to appeal to the Secretary. This change in the rights of the shipper is revolutionary, as hitherto he has had to rely only on the good faith of interior buyers in accepting grain as being of contract quality. Many country shippers have built up a considerable trade with interior buyers and the new law will give their contracts more standing.

This bill is of interest not so much by reason of its specific provisions, as by reason of what it omits. Very much is left to the discretion of the Secretary of Agriculture that the trade would prefer to have made definite in the law. No provision is made for expediting decisions when appeal is taken from the grading of an inspector. When a steamship is partly loaded at a lake or seaboard port the hourly delay is costly in demurrage.

Minneapolis and Duluth are comparatively near together, and tho both are under the same state government system of inspection the State has given each city its own board of grain appeals to meet the necessity for quick action in case of dispute.

Such supervision as will promote uniformity is not directly provided for in the bill; and perhaps supervision will not be necessary if the theoretically perfect phraseology defines the grades so exactly that nothing is left to the judgment of the inspector. Under the terms of the bill the uniformity possible by supervision will be obtainable only by the education of the licensed inspectors through appeals. Employees of the Department of Agriculture can be supervised within the Department by travel from place to place.

What is lacking in the bill must be supplied by the Secretary of the Department of Agriculture in rules and regulations which Sec. 8 makes it mandatory that he promulgate. After the enactment of the bill these regulations will be awaited with great interest.

Otto G. Spann Dead.

Otto G. Spann, for over 30 years connected with the grain business in Buffalo, died suddenly on the evening of July 14. In September, 1910, Mr. Spann suffered a severe stroke of heart failure and was forced to retire from active business. At the time of his death he was feeling as well as usual and had just seated himself at the dinner table when he suffered another attack. He died within a few minutes.

Mr. Spann was perhaps one of the most widely known grain dealers in the city. His first business venture was with Warren F. Chandler under the firm name of Spann & Chandler. The firm specialized in the handling of barley, at one time being the largest in the market. After the dissolution of this partnership, Mr. Spann continued business under his own name until 1910, when the O. G. Spann Grain Co. was incorporated. This latter firm continued in business until Jan. 1 of this year, when it was succeeded by the Doorty-Ellsworth Co. However, Mr. Spann had not been active in the business for the last two years.

The deceased was 62 years of age. He was a charter member of the Buffalo Corn Exchange and was prominent in different clubs of the city. He is survived by a daughter, Alice, a son, Albert G., a brother, and three sisters. His portrait is given herewith.



Otto G. Spann, Buffalo, N. Y., Deceased.

National Hay Convention.

The 21st annual convention of the National Hay Ass'n was held at Cedar Point, O., July 14-15-16.

Pres. D. W. McMillen called the meeting to order and all arose to sing America after which Rev. E. G. Mapes offered the invocation.

Professor J. F. Begg made the address of welcome and called attention to the fact that it was necessary that all people co-operate to produce better citizens and better business men. He asked all the dealers to avail themselves of the beauties and advantages of Cedar Point.

In the absence of E. Wilkinson of Birmingham, Ala., B. A. Dean, Auburn, N. Y., responded to the address of welcome.

W. H. Toberman of St. Louis read the memorial address in which he called attention to the worth of five deceased members. All the dealers stood in bowed silence to show their respect for the deceased members.

Those deceased were D. E. McLean, Cleveland, O.; Wm. R. Gregory, New York; Edw. Baker, Providence, R. I.; John B. Ganaway, Lynchburg, Va.; J. Meunier, Woonsocket, R. I.

Pres. McMillen read the report of the Board of Directors from which we take the following:

Report of Directors.

Membership. It is with genuine pride that we can report at this time the largest enrollment our Association has ever enjoyed. I believe the members who have worked loyally to reach the 1,000 mark have had in mind the necessity of increasing our membership with men whose ideals, business integrity and moral worth are above reproach; because these are the basic principles upon which our organization was founded and upon which it must ever stand.

The proper grades for hay have and no doubt ever will be an important topic for discussion when two or more hay men meet. The same crop is not exercised in the harvesting of our hay crop, that it once received. The hay tedder, hay loader and various other farm implements, which of necessity have taken the place of hand labor, have lowered the standard of our various grades of hay, by drying it too quickly and shattering it by rough usage.

Too many grades of sound hay in either the timothy, mixed or clover grades is confusing and should not be upheld by our Ass'n. Our Grades Com'te, however, has gone carefully over this subject, has advised with the markets over the country who are using our grades and is prepared to give us a comprehensive report, and we endorse what it expects to recommend.

The contract made by the President and Sec'y with Cleveland Hay dealers with respect to National Hay Inspection in Cleveland was ratified, and the Secretary instructed to advise our membership of the firms in Cleveland who were using National Hay Inspection.

The ever-important question concerning the proper baling, weighing, loading and

handling of hay in general was thoroly discussed, and as a result suggestions were published, in the form of a booklet.

P. E. Goodrich, Winchester, Ind., read the report of the Legislative Com'te.

He called attention to the increased powers of the I. C. C.

He urged the passage of the Pomerene Bill which has for its object the making of a B. of L. wherein the shipper's needs are properly safeguarded.

He especially urged that all members report to the Secretary any violation of trade rules of which they may learn. Adopted.

H. C. Jones, Baltimore, Md., Chairman of Joint Hay and Grain Com'te read his report: "The past year has witnessed for the first time the effect of corn importation. The present tariff will no doubt act as a safety valve and thereby make the effect of imported corn more or less sentimental.

The country is to be congratulated on the elegant wheat crop.

I am in favor of closer affiliation with our sister ass'n, the Grain Dealers National Ass'n."

N. W. Cunningham, Bluffton, O., spoke on the subject "Some Problems of the Past, the Present and the Future." "Since time immemorial the human being has been a problem solver.

The progressive thot of the age is slowly solving many of our problems.

I urge all of you to practice conservation in the handling of your business opportunities. We shud see that our universities educate our young people to lead them to efficiency instead of deficiency.

Do any of you hay dealers ever buy hay without knowing what profit you are going to make? You shud study to become more efficient.

The final problem is for all of us to get acquainted with ourselves and to clasp hands and strive not for self but for all so that living in the future may be more pleasant and profitable."

T. J. Hubbard, Birch Run, Mich., read the report of the Crop Improvement Com'te: "If 40 acres of land are properly cared for they will produce as much as 80 acres ordinarily produces.

Proper seed selection, crop rotation and soil fertilization are the great needs of the age. Clover adds \$2.00 more fertilizing value per acre than does timothy.

Agriculture is being taught in the seventh and eighth grades of our schools."

Sec. J. Vining Taylor read the report of C. J. Sealey, Chief Inspr. at Cleveland, which spoke of the work of his dept. The report was adopted.



W. A. Cutler, Adrian, Mich., Pres. Nat'l Hay Ass'n.

Adjourned until 9:30 Wednesday morning.

Wednesday Morning Session.

The Wednesday morning session opened with Pres. McMillen in the chair. He called on Egil Steen, Baltimore, for his report as chairman of Com'te of State Vice Presidents.

B. A. Dean, chairman of a Com'te on Statistics, reported: New England and Southern states have a light crop of hay. Central and Middle states have a normal crop. Michigan has a normal crop. Wisconsin and Minnesota 15% less than last year. Some Western states have a possible excess of 20% over last year's crop.

J. C. F. Merrill, Sec'y Chicago Board of Trade, said:

Marketing Farm Products.

Since 1905 efforts have been made to pass laws with the object of having federal inspection of grain.

Senator McCumber has been very busy trying to get his bill passed but so far his efforts have been successfully resisted.

Federal Inspection can only affect interstate shipments. As a result of federal inspection you wud have about half of your grain inspected by the Federal Gov't and the other half by the state in which the grain was produced. Dual inspection would cause misunderstanding and added expense.

The Moss Bill, now before Congress, does not intend that existing conditions be disturbed. Its best provision is that uniform inspection will prevail if the bill is passed.

Under this bill there will be at least three supervisors of grading who are to settle all disputes between interested parties as to grades.

Transactions for future delivery of grain are very much misunderstood even by men in high places.

Exchanges are merely market places. The Chicago Board of Trade members receive orders every day from practically every state in the Union. There is no gambling on any legitimate exchange as every order is executed and consequent obligations must be assumed. This obligation may be bot or sold before its maturity and there may be rises or declines in the value of the commodity in question.



The New Directory of the National Hay Ass'n.

Ownership of any property involves a risk which sometimes means a profit or a loss and this is called speculation. By some people it is called gambling. The payment of a premium of \$50.00 for insuring a home and the collecting of \$5,000.00 in case of a fire is an example of the protection that may be obtained by hedging purchases of grain on an exchange. This, therefore, is an advantage that dare not be overlooked.

Bucket shops have done much harm and caused disaster to follow in their wake. They do nothing legitimate.

Buffalo has a big bucket shop. The parties have been fined \$1,800. The fine has been appealed from and the bucket shop is still running.

The consensus of opinion of all eminent investigators is that all exchanges offer fine opportunities for reducing the hazards of ownership of property.

Percy Goodrich read the report of the Transportation Com'te which dealt with problems concerning hay and straw shipments.

C. C. Ramey spoke on "Relationship Between Receiver and Shippers." "On any and all transactions there may be honest differences of opinion. There are, however, many attempts on the part of the shipper to deceive the receiver. Sometimes cars are plugged and the shipper puts up a howl if he is caught in the act. He hates to pay the overdraft and some very mean letters are received by the receiver.

The Entertainment Committee.



Ray Bayles, Circleville; John Dexter, Detroit; Dan Mullaly, St. Louis, and J. T. Owens, Lynchburg, in the arms of Mr. Dexter.



Baltimore was Well Represented.

If a shipper sends poor stuff he shud advise his receiver so that the interests of both may be guarded.

A convention like this is a fine place for us to eradicate all evil thots. Let's be friendly."

Wednesday Afternoon Session.

M. C. Niezer, chairman of Com'te on Arbitration, read his report from which we take the following:

Report of Arbitration Com'te.

In trade disputes 107 cases have been submitted during the past year. Seven of these cases were handled by the Arbitration Com'te and awards rendered in each case; 21 cases were compromised thru the efforts of the Sec'y; 2 cases were withdrawn, 66 of these cases were of lesser importance, but are a matter of record in the Sec'y's office; 5 members were suspended because they refused to arbitrate; 3 cases were appealed to the Board of Directors, and in each case the Arbitration Com'te's award was sustained by the Board of Directors.

Trade disputes among members seem to be increasing with each year, and the work of the Arbitration Committee is becoming laborious.

The Committee's work of the past year has proven the wisdom of the change made at the Peoria Convention relative to the handling of cases. The Com'te now meets at stipulated times, and all cases ready for consideration are taken up and the work is greatly expedited.

Thru the conscientious and persistent efforts of the Sec'y of the Ass'n the Com'te

has been relieved of considerable work.

Your Com'te is astonished at the apparent carelessness with which members enter into trades. Our trade rules are ignored in a great many cases, which results in a misunderstanding as to what should govern the transactions. This leads to considerable trouble and generally results in the cases finding their way to the Arbitration Com'te.

Members should transact their business

strictly on National Hay Ass'n rules, when possible, and there should be a clear understanding between parties to the transaction as to what rules are to govern.

I also call attention to the point which seems to be misleading to so many of our shippers, and that is that they sell stuff expecting National Hay Ass'n grading and trade rules to govern, and when the stuff arrives at destination they find that they have sold it destination grades and trade rules to govern, and in some cases the grading and trade rules of the terminal markets conflict with the National Hay Ass'n grading and trade rules, and it is a very difficult matter to decide cases under these circumstances.

The report was adopted.

Professor P. G. Holden: Wherever you find that King Corn and Queen Alfalfa reign, the land is of the highest value and the best class of citizenship prevails.

Kansas ranks first in the production of alfalfa with an acreage of 957,000 acres; Nebraska has 655,000 acres.

The Secretary's report was adopted.

"It showed that the Ass'n had reached the age of 21 yrs.; that the 1,000 mark in membership had been reached that day and that there was over \$7,000 in the treasury.

The report of the auditing Com'te was accepted.

Thursday Morning Session.

The report of the resolutions Com'te was adopted.



The St. Louis Delegation With the Caps and Badges.



The Louisville Delegation.

NEW OFFICERS.

The following officers and directors were elected: Pres., W. A. Cutler, Adrian, Mich.; 1st V. Pres., J. D. Cole, Kansas City, Mo.; 2nd V. Pres., Fred Abel, Cleveland, O.; Directors, Dale McMillen, Van Wert, O.; Samuel Walton, Pittsburgh, Pa.; B. S. Wright, New York; R. A. White, Duluth, Minn.; J. J. Fairbanks, Richmond, Va.; and P. E. Goodrich, Winchester, Ind.

Adjourned *sine die*.

Convention Notes.

Pittsburgh delegation wore badges of yellow and black.

The ladies all received fancy hat pins, bearing the Ass'n emblem in bronze.

Havana Mfg. Co. distributed circulars telling of the merits of their friction clutch.

S. P. Steed, of Jones, Wise Com. Co., was the popular boy as long as the caps lasted. The ladies all liked him.

St. Louis Merchants Exchange sent 500 white caps bearing the word St. Louis. Everybody had a cap and looked happy.

J. W. Dye of Toberman Mackey & Co., St. Louis, seriously sprained his ankle while out bathing. He was compelled to use a cane.

The St. Louis crowd was the largest and they wore the largest labels. It was a big button telling everybody that St. Louis was represented.

The ladies attended a number of receptions and one card party. On Wednesday evening after the banquet, one end of the dancing floor at the hall was reserved for the ladies and their hay maker friends.

The banquet Wednesday evening was a great success in point of numbers, 348 people were seated. Chas. England of Baltimore was toastmaster and impressed everyone. The affair was concluded by singing "The Star Spangled Banner."

The Louisville delegation included O. W. Edinger, D. G. Rowland, T. C. Maddox and Fred Zeitz and daughter Elizabeth. With this delegation in the group portrait were J. W. Ellis, Chas. B. Hill, Mr. and Mrs. E. F. Dennis, Mr. and Mrs. Jos. Heuerman, and Miss Nettie Frantz, from Cincinnati.

Souvenirs: Carlisle Com. Co., Kansas City, and Raymond & Lipe Co., Toledo, distributed rulers; C. A. Euler & Co., Baltimore, paper knives; Model Mfg. Co., Celina, O., pocket mirrors; W. C. Downey & Co., Springfield, O., trick match safes and safety lead pencils; C. Rupert & Son, Newark, N. J., a parcel post rate card; Mt. Vernon Hay Co., Randall, Ill., Mitchell Co., Abel Bros. and H. M. Straus distributed pencils; I. R. Sutherland, Richmond, slate pocket notebooks; J. V. Manger & Co., leather pocket bill books; S. G. Fairbank Co., souvenir postals, and celluloid courtplaster holders; Doorty Ellsworth Co., life motion photographs.

The Cleveland Delegation.



Left to right, standing: Wm. A. Frey, Frank C. Cain, Geo. Schmidt.
Left to right, seated: J. F. Kemper, A. A. Kemper, F. W. Blazy, H. M. Strauss, Fred Abel.

Grain Dealers' Relations to Grain Dealers' Ass'ns.

[From address by Chas. D. Jones, pres. Grain Dealers' National Ass'n.]

It is a fact that you rarely find two members of ass'ns who entertain the same relations and feelings towards the work. You will find members who are enthusiastic loyal workers, willing to sacrifice their own interests for the good of the cause they may be representing. You will find others who are members for the sole reason that they had been asked by some friend to join, and in between these two extremes you will find every degree of interest and enthusiasm.

No man, however, be he ever so small a dealer, cannot in some way help in the uplift, improvement and protection to the line of business in which he is a component. Some dealers are members of ass'ns as result of their endeavors years ago to see some particular feature or condition corrected, and now that that particular work has been done and their individual wishes gratified on that point, and never having thought seriously about other important matters, they feel everything is serene, and that there is no further work to be done. Someone has to educate that class of thoughtless men to the point of realizing that conditions are constantly changing, and that the difficulties which seemed paramount to them a few years ago have now been superseded by questions of even greater importance, that have a direct influence on their business, with which they are not conversant; yet, the effect of which is bearing on their business no less severely.

The Grain Dealers National Ass'n for years, in co-operation with the State Ass'ns, has labored to get satisfactory trade rules which were to be used as a basis for trading, and as a basis for settling all disputes. As result of numerous changes in these rules from time to time, it is generally conceded that the grain trade is now supplied with rules and regulations that are fair to all, and are broad enough in scope to cover every conceivable contract that might arise in the affairs of a grain dealer.

What more is there for an ass'n to do? Well, that question brings us face to face with a feeling that exists with a large percent of the members, they being men who have not kept fully up with the work, and whose ideas are not advanced beyond the horizon of their individual business as they see it from a local standpoint. After two years of active interest as an officer in the Grain Dealers National Ass'n, I have reached the conclusion that there has to be practically a revolution in grain ass'ns work.

Today, the Grain Dealers National Ass'n is regarded as the proper organization to look after transportation, weights and grades. I recognize probably more thoroughly than you do, that this Ass'n is not properly equipped to do this work as it should be done. By this, I mean to cast no reflection upon the efforts of this Ass'n, which I believe the trade as a rule recognizes has done a great good, and that it is doing a conscientious work, but there is a limit to accomplishments by that organization unless the grain trade as a whole determines to enlarge the Ass'n itself, and place it in position financially and with the proper help to meet the situations as they arise.

We have 900 direct members, and about sixteen hundred affiliated members, which represents the total of our resources. Never since the Buffalo convention has the Ass'n been even financially. It is just as impossible to conduct an Ass'n without money as it is to operate any other line of business without sufficient capital, and if the grain trade expects its interest to be looked after by the Grain Dealers National Ass'n or any other organization, it is absolutely necessary that funds be provided.

The main work so far as accomplishments in the settlement of great questions goes, must be done by committees appointed from the membership. These active committees are composed of busy men, and those of you who have been closely identified with the work, are obliged to agree that it is asking a great deal of a busy man to give up enough of his time for public work in order to give that work the attention that it deserves and demands. The result is that many things should be done for the general protection of the trade that are never accomplished because of the lack of personal force behind them. Take, if you please, the Legislative Committee of the Grain Dealers National Ass'n, and consider the sacrifices that have been made by the individual members during the last eighteen months, and you will be able to

realize how hard it is to get competent men to serve on these committees. After having served one or two years, these members naturally feel they have done their share, and don't wish to be reappointed. New committeemen must come in who are not as well posted on the work, and they are handicapped in their efforts, and are thereby handicapping the grain trade.

Any organization undertaking to handle the great questions before the grain trade now should be equipped with men in the employ of the Ass'n to give up their entire time to the work. This means an expenditure that the Ass'n at present is not in position to make, and my idea is, this work is of such vital importance that the trade as a whole must be awakened to the situation and place the Grain Dealers National Ass'n on a financial footing that will enable it to employ a competent traffic man and also a competent legislative representative. At our annual convention in Kansas City I propose to so recommend.

No grain dealer can expect for \$15 a year dues the services of men competent enough to care for the vitals of his business, and so touching more specifically on my subject for the day, let me insist that every grain dealer look the situation squarely in the face, and realize that his relations to the grain ass'ns are by no means as close as they should be, and take a greater interest in accomplishments to be desired if the correct determination of the leading questions is obtained.

In the adjustment of railroad earnings, due consideration should be given to all classes and commodities, and on this basis it is my belief that the grain business of the country is bearing an unnecessary tax by paying a greater percent of the total railroad revenues than it should be called upon to pay. This is a broad question, and one that will be fought if the question is ever brought up prominently for settlement. It will require experts to handle it, and a considerable outlay of money, but a successful effort to reduce grain rates, allowing proportionate advances on other commodities, would save to those interested in grain vast sums of money each year.

Railroads furnishing proper equipment for the loading of bulk grain or paying a shipper all the expense of cooping and repairing is another most important matter. It must be handled thru the Interstate Commerce Commission by competent men. This one item alone if successfully fought out would mean a saving yearly of from one to two million dollars at least to the grain shippers of the country.

The more I take part in this ass'n work, the more I am overwhelmed with the magnitude of what could be accomplished, and what should be accomplished, and what can be accomplished whenever the grain trade wakes up to the fact that it is willing to support an ass'n properly equipped to fight its battles. Until such time, the grain trade, as a whole, will be looked upon more or less as a mob or disorganized body of men who can be imposed upon here, there and everywhere. Practically every line of business endeavor is today represented by an organization properly equipped financially to care for its needs, and I believe the grain trade is the only business that professes to have an organization which has not properly equipped itself in an offensive and defensive way.

OREGON oats were recently shipped to New York by way of the Panama Canal. This will, in a measure, show the grain trade that Argentine grain can be imported profitably.

I AM only an agent for a "line house", but I like to read the Grain Dealers Journal because it keeps me posted and in touch with the grain trade. I have had my wages raised twice because of information gained from it about which my employers were not informed.—Line House Agent.

CONSIDERING the enormous crop now being harvested and the fine promise for Spring wheat on both sides of the border, also taking into consideration the large export business, with the demand coming only on the breaks, it seems as if foreigners will hardly be able to take enough of our surplus before we have Canada as a competitor. Therefore, we believe wheat will sell considerably lower. —Finley Barrell & Co.

Minnesota Grain Inspection Report.

The annual report of Chief Grain Inspector F. W. Eva to the Minnesota Railroad and Warehouse Commission for the crop year ending Aug. 31, 1913, includes the work of the state weighmasters and supervising inspectors of the local warehouses and of the board of grain appeals. It also covers the work done in the department of hay and grain weighing for the same period.

Mr. Eva criticises the comite of the last House of the Minnesota Legislature rather severely for their method of investigating the state grain inspection department and asserts that it exceeded its authority. He also takes a fling at some of the witnesses called before the comite, alleging in one instance that the report presented was "doctored."

Earnings from all departments for the year were \$487,211.20 and the expenses \$387,112.12, or a net gain of \$100,099.08. The inspections "on arrival" classified by variety and kinds of grain were as follows; northern spring wheat, 162,482 cars; durum, 17,756 cars; mixed, 1,819 cars; winter, 5,617 cars; western, 428 cars; corn, 6,433 cars; oats, 17,319 cars; rye, 7,976 cars; barley, 40,574 cars. speltz, 48 cars; flaxseed, 28,318 cars; total 289,771 cars. Out of the total of 183,057 cars of spring wheat inspected "in" at all points the percentages of the different grades are as follows: No. 1 northern, 1.5%; No. 2 northern, 44%; No. 3 northern, 22.7%; No. 4 northern, 5.6%. The average dockage for this crop was 26.23 oz. per bu.; compared with 28.96 oz. per bu. for the preceding year. Out of a grand total of 350,761 cars inspected both "in" and "out," 89,256 cars or 25.4% were reinspected and of this number 58,406 were sustained both as to grade and dockage. Appeals were taken on 66,779 cars or 19% of the total inspection and of the number the inspection was sustained in 51,590 cases.

The state weighing department under the direction of P. P. Quist showed net earnings of \$118,124.29 while its expenditures were \$122,440.84. The department weighed into the Minneapolis elevators and mills 205,199,390 bus of all kinds of grain and flaxseed and out of the elevators and mills 96,944,272 bus.

The work of investigating shortage claims has been growing, due, perhaps, to the fact that the general tendency through the country appears to be in the line of a closer scrutiny of all conditions which go to make up the cost of operation or production in general. Many of the shortage claims that the department is asked to investigate are for but a very few pounds. The increase in this particular compelled the department to prepare a special blank so as to preclude duplicate and triplicate investigations of the same claims by different parties who might be interested in the adjustment of the alleged discrepancies. The department prepared a sheet on which the claimant is required to make his allegations, the bottom portion of which is reserved for the findings of the department. In each case this complaint, after it has been completely filled out by the department, giving the complete history of the car must be filed with the railroad company in such cases as it may be necessary to file claims for loss in transit, and the department has issued the instruction that it will not investigate, a second time, the same claim, unless evidence is produced to the department to show that complete information was not

furnished as the result of the first investigation, or that apparently injustice has been done in running the claim down.

In view of the large excess in earnings for the inspection department during the year a substantial reduction in the inspection and weighing fees is recommended by the Chief Inspector. The cash surplus Aug. 31, 1913, was \$229,609.31.

Buffalo's New Receiving Firm.

In the natural course of business events many grain firms are discontinued and new ones are organized to help handle our ever increasing crops. As many new firms engage in the grain shipping business each year and some established firms become dissatisfied with their old connections in central markets and seek new ones, promising opportunities are continually opening for receivers who understand the business thoroly and are willing to render service worth buying.

Buffalo's newest receiving firm is the McConnell Grain Corporation of which Earl E. McConnell is President and Treasurer. He has had a varied experience with good firms. For several years he served the Cleveland Grain Co. in its Indianapolis office and later as its traveling representative. About four years ago he became traveling representative of the Eastern Grain Co. in the West, making his headquarters at Lima. He remained with this company until he decided to engage in the grain commission and brokerage business at Buffalo to make a specialty of country shipped grain. He had traveled so long among the grain shippers of Ohio, Indiana and Illinois that he knew their trials and difficulties, and with the idea of being of real service to them he started the new corporation and has been gratified by the business turned his way.



Earl E. McConnell, Buffalo, N. Y.

North Dakota Elevator Managers' Meet.

The third annual meeting of the North Dakota Ass'n of Managers of Farmers Elevator Companies was held in Grand Forks, N. D., on July 15 and 16. While the meeting did not have the usual attendance it was considered very beneficial by all fortunate enough to be present. On the opening morning not more than twenty were in the convention hall at the City Hall, but as the meeting progressed others came in. The total registration reached 45. In the opinion of the officials, however, the benefits of the meeting could not be measured by the number present. The notices sent out by the secretary of the association stating that all those connected with or actually in the commission business, also factory representatives, were not expected was that to have reduced the attendance.

The first day's session was called to order at 10:15 by President J. H. S. Thomson, of Valley City. The City Attorney welcomed the managers to the city.

F. L. Goodman, Pres. of the Commercial Club addressed the meeting in behalf of the club. He said: "There has been some disappointment expressed at the small attendance. Don't look at it in that light. I think that this is a very favorable representation. The live ones always come."

A. K. Moehn, Regent, N. D.: "I wish that the president had called upon someone more qualified to respond to such a hearty welcome as we have been given by these two gentlemen. There are not many of us here, but what there are of us appreciate the hospitality just as much. We certainly will conduct ourselves in such a way the city will have no cause to be ashamed of us after the visit is ended. I want to thank the gentleman for their welcome."

F. A. Powers, Beach, N. D.: "We know that the success of the elevators depend on these gentlemen here and such a meeting can but help them in their work."

The minutes of the last year's meeting also of two intermediate meetings of the board of directors were read and accepted after which the sec'y-treas. made his report consisting of a very brief statement of the financial standing of the organization. It showed the receipts of the past year were \$377, disbursements, \$146.86 and balance on hand \$230.13.

After considerable discussion as to the best means of increasing the membership of the ass'n and about the reduction of membership fee, the following com'tes were appointed: Membership and Nominating, A. A. Lane, H. R. Wollin, and August Everet.

By-laws, T. M. Comer, G. A. Stockstad and J. C. Miller.

Resolutions, A. K. Moehn, C. Gibson and J. C. Walters.

The meeting adjourned until afternoon after considerable more informal discussion about the amusement features of the convention.

The afternoon session was opened by F. M. Schulz of the Railway and Warehouse Commission with an address on bookkeeping in which he presented and explained a system as advocated by the commission for use in the elevators. Mr. Schultz presented this system as a start toward getting some adequate bookkeeping system established in the state. He did not maintain that it was infallible or that it should be substituted in place in use by men already using a good accounting system. He stated, however, that a great many of the managers in

the state had no method by which they could keep accurate record of their business and to these he offered the system which he explained could be easily learned. He was followed by Walter Thomson, sec'y of the State Board of Accounting of Fargo, who explained the system more fully. After Mr. Thomson had finished, Mr. Schulz explained the proposed system in detail with the aid of large sample ledger sheets.

The following is the talk given by Mr. Thomson:

ELEVATOR ACCOUNTING.

Bookkeeping is an art consisting of about 25% theory and 75% experience. In elevator bookkeeping, owing to the necessity of accounting for weight as well as for values, the element of practical experience is even greater.

It follows, therefore, as experience is always finding out new things, that one should be a little careful in claiming that any system is the very best that ever will be discovered. I have been keeping books for forty years and am still learning. I am not authorized to speak for the railroad commission, but have heard its secretary state in substance that it has set up its system for the very purpose of discussion and criticism, to the end that improvement be made upon it.

Whether the railroad commission's system is used, or whether any other system is adopted, the following things are true: 1, The facts presented for record are the same; and, 2, the same desirable ends are to be sought, viz.: Absence of repetition or duplication; accessibility of results, and susceptibility of quick, accurate proof at all stages of the game.

When I was asked by the railroad commission to formulate a system for North Dakota elevators I felt that I must not only conform to all the foregoing requirements, but that I must also consider the fact that a majority of the users of the system would be persons only partially skilled in the art.

I hold that it is a mistake to think that a multiplicity of books spells intricacy. The reverse is true. One book which must serve all purposes is intricate and can only be handled successfully by an expert. Any intelligent man with a theoretical knowledge of double entry can keep one book at a time, provided the manner of using is clearly stated. Almost any of us can drive one horse at a time, but how many of us can handle the reins over six or eight.

If desired, I can plan a system of accounting for elevators to consist of two books, but I would be making a grave mistake to recommend a two-book system for general use for two reasons: The unskilled could not use it successfully; and the experts in the business do not need any advice on the subject. There is with us today a manager who is an expert accountant. He has kept books for one of the largest grain companies in North Dakota, but is now managing a farmers' elevator, doing a 300,000 business annually. It was my pleasure recently to audit his books. His columnar journal, as he can tell you, is founded on the same principle as mine, but he also records in it his cash transactions and retail sales in a manner which to a novice would look intricate, but which this gentleman understands thoroughly and can explain satisfactorily. Suppose this manager severed his connection with this elevator suddenly, and an unskilled bookkeeper was employed without any apprenticeship on these particular books, what would probably be the result? Mistakes.

Not that these combination books are void of merit. On the contrary, they often present points of merit of which the originator can be justly proud, but very often where there is one bookkeeper who can follow them there are more who would get lost in the attempt.

In all elevator accounting there are two distinct elements to be provided for, viz. bushels and dollars i. e., on one hand how many bushels and pounds of wheat, flax, barley, oats, and rye, have been bought, sold, stored and are still on hand; on the other hand, how many dollars and cents have been expended for the various kinds of grains and for expense, how much received for grain, what the value of the grain on hand and the profit or loss.

First, let us examine the grain records and please note that there is no duplication of work. Each transaction is entered but once and is then forwarded by totals, the bushels to the grain records and the dollars to the journal and finally to the ledger. Many have thought that because there are six forms in the grain record that six separate books were con-

templated. This is erroneous. All are bound in one book.

The dollars and cents ends of this system is double entry all the way through and the correctness of it can be proven at each step. There is a book for each purpose, which may, by those who are capable of handling combination books, be reduced in number by making one book answer two or more purposes. Even when used separately, the cash book and retail sales book may be bound in one book, separated by a tab thus making one less book to handle. Similarly if desired the general ledger and customers' ledger.

In conclusion, I am not so vain as to think that this is the last word in Elevator accounting, but I do claim; that it is ample, and covers the whole proposition without repetition; that any person with a text book knowledge of double entry can keep it after carefully reading the instructions, and if, after using it a while, he develops ability to combine two or three books into one, he will become a better bookkeeper than if at the beginning he was forced to make entries mechanically without understanding the reason for each entry made.

A discussion of the proposed accounting plan followed in which a number of the managers took part each one explaining his particular method of bookkeeping, questioning another member about some features of his method or questioning Messrs. Schulz or Thomson about the one proposed by the Commission. In the main, however, the managers were opposed to the plan as presented by the commission as being too long for the busy manager.

Pres. Thomson advanced the idea of having a state auditor for the Farmers Elevators similar to the one now employed by the state in the state banks. This idea was generally favored by those present. A few favored the appointment of a com'te to work for legislation that would work for the establishment of a uniform system of accounting and for the inauguration of annual audits of the farmer elevators books.

Thursday Morning.

The Thursday morning session convened at 10:15. A. A. Lane, chairman of the membership com'te reported that no definite course of action had been devised upon other than that every one work for the augmenting of the ass'n membership.

J. C. Miller for the By-Laws com'te recommended that the annual fee of the organization be reduced from \$5 to \$2, that the question of the admission of western Minnesota into the North Dakota organization be left for another year and that the nominating com'te be eliminated and the election of officers be left to open balloting. Both reports were accepted.

The report of the resolutions com'te which was accepted as a whole, follows:

We, the Committee on Resolutions, recommend to the convention in session as follows:

OPPOSED TO STATE STORAGE LAWS.

Resolved that this convention is not in favor of the present Laws compelling the elevators to receive for storage Oats, Barley, and Rye, owing to the fact that the elevators oftentimes are compelled to ship out this grain and have no way of protecting themselves.

SCALE INSPECTION.

Resolved further, that, we protest against the present law relating to the scale inspection.

NOTICES OF MORTGAGES ON CROPS.

Resolved, that this convention greatly favor the law compelling all parties holding crop mortgages to properly notify all elevators within a specified radius of miles of such mortgages through the office of Register of Deeds in the county where such mortgages were given as a protection for the elevators, not later than August 1, of each year.

OPPOSE STATE SYSTEM OF ACCOUNTING.

Resolved, further that this convention does not favor the present system of book-

keeping as presented by the Railway and Warehouse Commissioners.

FAVOR STATE AUDITOR.

Resolved that this convention favors a state auditor for farmers elevators, the salary and expense of such auditor to be paid by the state.

FAVOR DEALING IN GRAIN FOR FUTURE DELIVERY.

Resolved, that we are against all agitation and proposed laws eliminating buying and selling and hedging for proper protection of grain.

Signed—A. K. Moehn, C. Gibson, J. C. Walters.

The construction of a modern farmers elevator as well as the remodeling of an old house was discussed at length.

J. C. Miller: I consider that the thing of prime importance in the building of a new elevator is economy. By that I mean the saving not only of labor, but of time and money in the handling of grain. A cement foundation is important as it eliminates a great deal of the dust and thereby lessens the danger of fire. A great many of the elevators now being built are covered with galvanized iron.

Every new building should have plenty of work floor space for the reason that if later additional machinery is needed it can be installed without any great expense. I think that the extra cost of a large floor will be more than offset by the convenience and facility with which new machinery may be added. A large engine and the most modern machinery obtainable adds greatly to the efficiency of the elevator and I believe will more than pay for the increased cost within a few years.

George Bristol: What is most important to us is how to remodel our old houses, because there are only a few of us who are building. In my own case I find it mighty hard to put in a cleaner because my work floor is so small I will have either to take out a part of my bins or alter them. All houses need a man-lift. I think that the manager would profit by putting in one at his own expense where there is none, because of the much greater convenience to him.

Pres. Thomson: When we remodeled our house we lowered the driveway to get more floor space.

C. B. Prichard: If I were to build a house I would put a good foundation under it, make it large yet compact and have a large work floor space. I don't mind much about the bins if they are rightly placed and have hopper bottoms. I find one of the greatest conveniences in an elevator is an automatic loader. I would not do without the one I have and can figure that it has paid for itself many times over. A loader also has a tendency to clean the grain. It works independently of the rest of the house and with a minimum of trouble.

A. A. Lane: I endorse the idea of having a car loader in the elevator. I have one in our house and find that it works advantageously. Fire protection is also an important thing. I have a water tank in the upper part of our elevator with a hose attachment with which I can reach any part of the house.

In the election that followed A. A. Lane, Sherwood and J. H. S. Thomson, Valley City, were nominated for pres., Mr. Lane later withdrew leaving Mr. Thomson the unanimous choice of the meeting. Mr. Lane was then re-elected vice-pres., and N. R. Tackland, Drayton, sec'y-treas., August Everet, Pillsbury, was chosen assistant sec'y-treas. and C. Gibson, Ypsilanti; C. B. Prichard, Gardner; John Ruttle, McHenry; J. S. Broberg, Adams; Martin Moe, Dickinson; A. K. Moehn, Regent; and J. A. Stockstad, Milnor, directors.

Thursday Afternoon.

F. A. Powers of Beach delivered an address on "The Proper Relation Between Stockholders, Directors and Manager."

A. A. Lane: In handling grain I find it profitable to look after the cleaning end of the business. I would like to know how to make more out of our screenings. I find that the first thing necessary to the successful screening business is the proper equipment of the elevator for the handling of the screening. I realize that these requirements are different in the different houses. In our house I have worked out a scheme that is well adapted to our needs. It is not necessary to keep a man on the cleaner continually tho in part of the season a man is on the job most of the time.

The cleaned grain sells at a premium then, besides, there is a saving in the freight. There is something made on the screenings themselves varying with the amount of various kinds of foreign seed. When they can't be sold I create a market for them by feeding at home. I can't see why these by-products can't be marketed by everyone profitably. The cleaning leaves the grain in much better condition. I have cleaned all of our crop. Of course, it would be best if the farmer would clean the grain just as it comes from the threshing machine. Since he does not we should handle it as profitably as possible.

J. S. Broberg, Adams: I have been in the cleaning business for the past five years and it means a great deal of hard labor. It has been my experience that it doesn't pay to clean grain that will run less than 2 pounds for when I can get ½ lb. on 2 pounds dockage I am making more than I could by cleaning. For that reason I don't think that it pays to clean grain to nothing. Oftentimes it can be

mixed with clean grain and make the dockage about right.

C. B. Prichard, Gardner: What the terminal market considers commercially cleaned grain is not entirely clean. I think there is such a thing as cleaning too close and believe that it is better for grain to carry some dirt.

M. C. Gaulke, Thompson: I clean all the grain in our elevator down to one pound and even then it is graded as having a pound or 1½ pounds at the terminals where the grading is absolutely fair because nobody's grain is known. I am comparatively new as a manager, but I can't see why closer cleaning does not pay.

H. R. Wollin, Ford: I was in the Minneapolis market for 9 years and I know that it pays to clean grain in a big terminal. The by-products are handled on the market at a good profit.

Pres. Thomson in introducing the question as to whether the North Dakota laws make a warehouseman a speculator by eliminating the proper protection in futures stated that the storage laws in his opinion should be amended.

A. K. Moehn: A part of the state ass'n is working for the amendment of these laws. For my part I am a firm believer in hedging. The habit of storing barley and rye is going to be pushed. I think there ought to be a com'te appointed to see if it could not establish a hedging market. As it is in this state at present some of the storage laws can't be lived up to and I think that some action should be taken to forbid the storage of grain, for one thing as it is impossible to keep grain separate because of lack of space. A com'te should go before the legislature in an effort to eliminate the storage laws on certain commodities.

Pres. Thomson: I think this important proposition should be taken up by every organization. It really makes no difference to the managers if futures are eliminated but the farmers are vitally affected. I really don't believe that the northwest can get along without futures tho some other parts of the country may be able to do so.

Adjourned *sine die*.

Convention Notes.

J. W. Comer, A. Jay Kennebrook and M. A. Mace were the commission men who ventured into the meeting.

O. W. Pagel from Staples, Minn., was in attendance. Mr. Pagel expects to locate in North Dakota within a short time.

Mrs. J. A. Axtell, Mrs. J. A. Hughes and Mrs. A. Tausan were the only ladies at the meeting. Mrs. Hughes came from Crookston, Minn.

The educative feature of the convention was the one most emphasized by the managers. No entertainments whatever were planned by the ass'n.

Nearly all the managers in attendance wore big broad smiles when the crop prospects for the year were mentioned. Some could smile broader than others.

The managers greatly enjoyed the banquet given on the evening of the day of the convention by the State Retail Dealers' Ass'n which was in session at Grand Forks. The spread was held in the banquet hall of the Elks Club and was followed by a number of interesting responses and musical selections. Some very interesting pictures acted by the University students of North Dakota were shown.



Some of the Managers, Just Before the Auto Ride at Grand Forks, N. D., July 16.

The managers greatly enjoyed the automobile ride given them by the Commercial Club of Grand Forks on the second day of their stay in the city. The ride started from in front of the club's headquarters and covered all the points of interest in the entire city.

The managers who took part in the convention were: N. A. Anderson, Sharon; J. A. Axtell, Hurdsville; Olaf Bjorken, Page; George Bristol, Clifford; J. S. Broberg, Adams; I. M. Bunn, Chaffee; T. M. Comer, Colgate; R. C. Dula, Sharon; George A. Edmund, Buxton; W. W. Erb, Honeyford; August Evert, Pillsbury; J. R. Flem, Petersburg; M. C. Gaulke, Thompson; C. Gibson, Ypsilanti; S. A. Jackson, Moselle (Wyndmere p.o.); J. J. Kadler, Pisek; A. A. Lane, Sherwood; Sam Loyland, Thompson; A. K. Moehn, Regent; Nels Osterdahl, Page; F. A. Powers, Beach; C. B. Pritchard, Gardner; H. W. Reynolds, Grandin; R. D. Robertson, Marion; J. W. Shinnick, Kelso; I. A. Stockstad, Hoving (Milnor p.o.); N. R. Tacklind, Drayton; A. Tausan, Embden; J. H. S. Thomson, Valley City; H. R. Wollin, Forbes.

St. Louis "To-Arrive" Rule Attacked.

The new rule adopted by the St. Louis Merchants Exchange, effective July 13, providing for a "to-arrive" market, has already been attacked, by members of the Merchants Exchange, among them being Edward M. Flesh, pres. of the C. H. Albers Commission Co., who have requested the Attorney-General of Missouri to bring suit under the state anti-trust law on the ground that the rule is in restraint of trade.

Attorney-General Barker says: Complaints have been made to my office regarding the rules adopted by the St. Louis Merchants Exchange regarding the "to-arrive" market. From a reading of these regulations it seems plain that the Merchants Exchange is fixing the price of grain bought in the country so that a member of the exchange cannot pay more for such grain than the price fixed by the bids on the floor. This is manifestly unjust and prejudicial to the farmers and grain merchants out in the state. It prevents them from getting a price for their grain which some of the merchants in St. Louis are willing to pay, but dare not do so for fear of expulsion from the exchange.

If the regulations have the effect which those complaining say they have, they are plainly in violation of our anti-trust laws and the St. Louis Merchants Exchange has become a combination in restraint of trade.

My department will make a thorough investigation at once, and I will do everything necessary to protect the farmers and grain merchants out in the state and the people at large, no matter what the consequences may be to the Merchants Exchange and the individuals responsible for the rules. If these rules result in fixing, by agreement of the exchange members, the prices of grain bought in the country, appropriate proceedings will be promptly instituted.

The president of the Merchants Exchange, Marshall Hall, states that since the rule has been in effect prices of "to-arrive" grain have been higher than prices on track in St. Louis, greatly to the benefit of farmers and dealers out in the state, and declares that it produces an open market instead of a closed or secret market as in the past.

A CROP as large as the one anticipated this year most certainly discourages manipulation, gives the market steadier swings and the general trader greater opportunities of profit than the hysterical bumps and jumps and slumps of a crop failure. We predict one of the most satisfactory and profitable seasons of speculation this year than for a decade.—*John F. Wright & Co.*

St. Louis Rule on Grain "To Arrive."

The "To-Arrive" Com'te of the St. Louis Merchants Exchange, composed of Fred W. Seele, John L. Wright and W. L. Brooking, has drawn up a set of regulations governing the "to-arrive" market that should be a model for other markets to follow. Their regulations have been adopted by the Directors of the Exchange, going into effect July 13, and give force to the amendment to the rules of the Exchange recently adopted by vote of the members, as follows:

On and after July 10, 1914, all wheat, rye corn or oats purchased by a member of this Exchange to arrive, subject to St. Louis or East St. Louis inspection, shall, in addition to all other charges prescribed by the rules of this Exchange, carry for the purpose of covering all financing and handling expenses, a charge of $\frac{1}{2}$ c per bushel on wheat, rye, corn and oats. These charges shall not apply on grain purchased from a member of this Exchange in business in St. Louis, who finances and attends to the arrival, delivery and accounting of said grain. After the close of the regular market, any member, upon proper record being made, may purchase or offer to purchase wheat, corn, oats or rye for shipment to this market at any price such member may see fit to bid, provided such bid shall allow for the aforesaid charges.

REGULATIONS GOVERNING "TO-ARRIVE" MARKET.

Sec. 1. During the hours of regular trading all bids to persons located outside of St. Louis, for wheat, corn, oats and rye, shipped to this market, shall be based upon the price then and there prevailing in the open and competitive "to arrive" market, less the charges prescribed in Rule XIX. All bids forwarded during the regular session to persons located outside of St. Louis on the basis of a flat price shall be made upon condition that acceptance thereof shall be filed within 15 minutes after receipt, and all such bids not then accepted within said time are null and void.

Sec. 2. The "To Arrive" market shall be open during the whole session of the Exchange.

All overnight "to arrive" bids shall be for at least 5,000 bushels.

The "to arrive" market shall be posted on a blackboard on the west wall of the Exchange Hall.

All "to arrive" bids during the session of the Exchange shall be posted on the "to arrive" blackboard, and all such bids shall be open for acceptance by any member of the Exchange for two minutes after posted.

After the regular close the "to arrive" overnight call market shall be held directly in front of the "to arrive" blackboard, and shall be open for bids and offers from 1:15 to 1:25 p. m. except on Saturdays or other short sessions the "to arrive" market shall be open for bids and offers for 10 minutes after the close of the regular session.

Sec. 3. All bids and offers shall be delivered track St. Louis or East St. Louis. The buyer to pay all switching charges.

Sec. 4. Grain on track in St. Louis, or billed from the country previous to date of purchase, shall not be a proper tender on a "to arrive" contract.

Sec. 5. All bids based on closing future prices, the clearing house closing market shall govern.

On bids f. o. b. shipping stations, when the buyer pays the freight, the freight deduction shall in no instance be less than the actual freight. Buyers shall take advantage of fractions less than one-eighth cent. Example: 9c freight rate on wheat equals 5 and 40/100 cents per bu., deduction to be made $5\frac{1}{4}$ c per bu.

Sec. 6. After the regular market for grain "to arrive" has closed, any member may base his bid to persons located outside of St. Louis, for the above mentioned commodities, to be shipped to this market, either upon the closing quotation of said "to arrive" market, less the regular handling charges, or, upon a price higher than said closing quotations; provided, however, that the member or members departing in their bids from said closing quotation shall in every instance comply with the following conditions:

1st. The handling charges prescribed in Rule XIX shall be deducted from each and every such bid before same is forwarded to persons located outside of St. Louis.

2nd. All members making such higher bids shall in every instance file with the secretary under seal, before 9:30 a. m. on

the next business day, their authority for making such bids. Such authority by a secondarily buyer shall be evidenced by a bona fide bid in hand from a buyer at this market, who has declared his intention of bidding seven active cash handlers, of the kind of grain bid for, in this market, for the purpose of establishing a new basis for an overnight bid to the country, or by a clear showing that a member or members making such bids to persons outside of St. Louis have, prior thereto, made to members here, not less than seven bona fide bids for sufficient quantities, to establish fairly a new market level, and further, such member or members must show the bid so made represents the price thus bid to the members here less the regular handling charge.

3rd. After the close of the regular "to arrive" market all bids to persons located outside of St. Louis shall expire at 9:30 a. m. on the following business day.

Bids During the Session.

Sec. 7. Members desiring to bid during the session will be furnished by the "posting clerks" slips which must be filled out by the member, setting forth the kind of grain, time of shipment and the price; this price being the net bid to be made to persons located outside of St. Louis. While no fixed quantity shall necessarily be designated, it is the opinion of the com'te, that in the aggregate, at least a hedging amount should be the minimum accepted, unless otherwise specified at time of bid, always with the understanding that the bid is for a quantity, which carried absolute evidence of bidder's good faith.

Sec. 8. Buyers shall have the privilege of accepting telephone offers during the session of the regular market when such offers are above the posted "to arrive" bid, provided such buyer shall immediately post such price on the "to arrive" blackboard and shall take at least 5,000 bus. more of such grain from any member of the Exchange one half cent per bu. higher price than paid the seller over the telephone.

Special Bids After Close.

Sec. 9.—This method is employed only when the bidder desires to pay a price in advance of the closing "to arrive" quotations. Special advance bids shall be made to at least seven or more firms, members of this Exchange, who are regular and active handlers of the kind of cash grain bid for. These bids to be submitted to the members prior to making the advance offers to persons located outside of St. Louis.

Authority for such bids shall be shown by listing with the Secretary, before 9:30 the following morning, the price, kind of grain, and any other specifications, including the names of the seven or more firms to which the bid was made.

It shall also be necessary for each of the seven or more firms receiving such advance offers from primary bidders and issuing offers to persons located outside of St. Louis based thereon, to file with the Secretary, the name of the firm on whose authority the advance bid shall have been issued. The authority of primary and secondary bidders must, in all cases, be filed with the Secretary under seal before 9:30 next business day.

Special Billing.

Sec. 10. Any bid for a commodity carrying special advantage in the billing or unusual qualities by reason of location, will be posted on the "to arrive" board with the notation Special, but their requirements must be set forth in detail on the bidding slips for use during the session, or in special sealed authority filed with the Secretary on advance bids made after the close.

Sec. 11. No member shall pay a brokerage fee to a principal, either direct or indirectly thru a broker. Any broker dividing his brokerage with a principal shall be debarred from acting as a broker on purchases made on St. Louis terms.

Sec. 12. In acceptance of grain tendered to primary bidders, no difference shall prevail in the treatment of the members of this Exchange and persons located outside of St. Louis, as to time of booking, quantities or other specifications.

GRAIN ELEVATORS with a general capacity of 3,600,000 poods (Pood equivalent to 36 lbs. U. S. measurement) will be built in Kharkov, Boolatzelevka, Svatov, Lickachave, Barvenkov, Balacklea and Prekolotnom, Russia, as the result of a decision reached at a meeting of representatives of towns, agriculture, railways and industries in Kharkov recently. The state banks will finance the undertaking.

Court Order on Bids to Country.

Judge Landis in the Federal Court at Chicago, July 17, allowed the government the exceptions to the answer of the Chicago Board of Trade in the suit brought by the government to enjoin the fixing of prices by the cash grain call.

The allegations by the government were answered ably by Henry S. Robbins, attorney of the Board of Trade, stating that the call rule was necessary to establish an open market, to compel the elevator men to buy on the floor of the Board of Trade in competition, instead of their former practice to agree secretly among themselves what price to bid. To this the government replied that what the elevator men had done was not relevant; and now Judge Landis has struck out of the Board of Trade answer all relating to the elevator men's agreement.

The proceeding of July 17 is not a decree or final judgment. At some time in the future a hearing will be held, at which the Chicago Board of Trade will make further answer.

Bids to the country for grain were based on the call price when the suit was started; but for the past year the bids have been based on the to-arrive market price. The new method is believed to be less objectionable to the government. Under the old system all bidders bid the same price; while under the to-arrive system different bidders can bid different prices, but each bidder must abide by his own price, paying the same on the floor of the Board as in the country, less commissions, handling charges and freight.

In view of the fact that the Board has abandoned the former call the present suit seems a fruitless proceeding; but in the Chicago Butter and Egg Board case after the abandonment of the method of price fixing the government again went into court and on July 17 got an order from Judge Landis permanently enjoining the Butter and Egg Board from publishing quotations on the prices of dairy products thru its quotation com'ite.

The only case of this kind which has progressed to final decree is that of the Elgin Board of Trade. Among the nine orders entered by the United States District Court Apr. 27, 1914, in that case is one reading "From requiring, compelling or demanding by Board rule, by-law or otherwise, that the members of the Elgin Board of Trade use the quotations or prices of butter which are made by means of transactions upon said Elgin Board of Trade as a basic price in contracts for the purchase or sale of butter in interstate commerce."

A similar sweeping order in the Chicago Board of Trade case would completely demoralize trade on the exchanges by permitting members to bid any price regardless of any consideration other than their private advantage. It would result in a return to the very conditions that the Clayton anti-trust act now in Congress seeks to reform. The Clayton bill as approved July 16 by the Senate Com'ite on Judiciary provides "It shall be unlawful for any person engaged in interstate commerce to discriminate in price between different purchasers of commodities with the purpose to injure or destroy the business of a competitor." The purpose of the call and to-arrive rules was and is to compel elevator men to make no discrimination in price.

So similar is the purpose of the Clayton Bill that if it were enacted by Congress and the Illinois Legislature and enforced in its letter and spirit the Chicago

Board of Trade could safely abolish its to-arrive quotation basis.

One branch of the federal government, the Department of Justice, is seeking to punish the Board of Trade for doing what another branch, Congress, deems meritorious.

Walter Fitch Dead.

The death of Walter Fitch July 17 is a distinct loss to the members of the Chicago Board of Trade. A gentleman in every sense of the word, he carried with him into commercial affairs a courtesy evidenced by speech and manner that was all the more deeply appreciated because it came from the heart. The high principles he expressed were but those that he lived up to in his private life. A champion of the square deal, the fact that a man had few friends or a business practice had bitter enemies never stilled his voice or stayed his substantial encouragement. To his work is largely due the success of the Board of Trade in having enacted the present liberal Illinois statute on privileges.

After an illness of two years Mr. Fitch died at the home of his mother at Eau Claire, Wis.

He was born at Fox Lake, Wis., in 1861, educated in the public schools of Detroit, Mich., and initiated into the grain business at Ashland, Wis., removing to Chicago and joining the Board of Trade in 1898. He was vice-pres. of the Northern Grain Co., and in 1906 was elected pres. of the Board of Trade, after two terms as vice-pres. He also found time for several leading social organizations which repeatedly honored him with the presidency.

Engaging in the grain business on his own account in the early 90's he allied himself with Robert Pringle and James A. Rankin, the firm becoming a leader in the futures trade, and being succeeded by the present firm of Walter Fitch & Co., now also in the cash grain business, the other members of the firm being W. K.

Mitchell, Leeds Mitchell and John S. Ashum.

In 1888 he was married to Miss Florence Harper, who survives him. A portrait of Mr. Fitch is reproduced herewith.

The Board of Trade suspended business earlier on the day of the funeral services at Eau Claire, which were attended by a Board Com'ite composed of W. S. Jackson, J. C. F. Merrill and Robert Pringle.

The directors of the Board expressed their esteem and sympathy in the following resolutions:

Resolved, By the board of directors of the Board of Trade of the City of Chicago, that in the death of Mr. Fitch the board has sustained the loss of a member whose services in behalf of the organization were rendered with zeal, fidelity and ability.

Resolved, That we respectfully tender the family of the deceased our most heartfelt sympathies in this their time of deepest affliction.

Of Mr. Fitch Geo. E. Marcy said: "I have known Walter Fitch intimately for a number of years and in all my experience of meeting men have never met his equal as regards kindness and desire to help other people. It seems to me that no one in any of the institutions with which he was connected got into the slightest trouble but what the first person they ran to for help was Walter Fitch. He never seemed to fail them if they were worthy of consideration and I believe he used up not only his strength, which was extremely valuable on account of his poor health, but he would also make sacrifices in a commercial way by giving up his time from his business to help out some poor individual who was in serious trouble.

"He was always absolutely straightforward and never hesitated to take a stand which he thought was right, disregarding if politically it were the right thing to do or not. His jovial disposition and bright sayings are, of course, well known to everyone who ever came in contact with him.

"I do not believe the grain trade has ever lost anyone who will be missed as he will be."



Walter Fitch, Deceased.

Feedstuffs

PADUCAH, KY.—We are going to install a machine for making mixed chicken feed.—M. J. Yopp Seed Co.

PEORIA, ILL., received 4,329 tons of mill-feed during June, 1914; compared with 6,959 tons during June, 1913, and shipped 8,366 tons, compared with 8,565 tons in 1913; as reported by John O. Lofgren, sec'y Peoria Board of Trade.

THE BUILDING OF SILOS in the rural districts of Kentucky has done a great deal to reduce the sale of feed in that state according to C. A. Edinger. More silos are being constructed this season than expected and the buying of feed is light.

OVER 1,000 EMPLOYEES of the International Stock Food Co., of Minneapolis, Minn., spent July 11 at Savage Farm, Minn., picnicking. The trip was made on a chartered steamer up the Minnesota river. Games and athletic contests were enjoyed during the day.

THE FORT WORTH Grain & Elevator Co. and M. M. Egan were refused an injunction against the A. B. Crouch Grain Co., July 7, in a suit brought by the plaintiffs at Fort Worth, Tex., alleging an infringement of a patent on a feed mixer. Federal Judge Meek heard the case.

R. D. HOBART, for a number of years past, sales manager of M. C. Peters Mill Co., Omaha, Neb., has resigned his position with the company and will take charge of his personal affairs. Mr. Hobart has a large personal acquaintance in the feed trade who will wish him unlimited success in his vocation as a farmer at West Estes Park, Colo.

AN ALFALFA MILL which will cost \$15,000 is being erected on Timpas creek 6 miles west of La Junta, Colo. A. S. Marshall, La Junta, and A. Waddington, C. T. Bauer and C. I. Boyd of Fowler are the promoters. The plant is situated in one of the largest alfalfa producing sections of the state and will be on a branch of the Santa Fe railroad. It will be equipped with thoroughly up-to-date machinery thruout which will be electrically driven. The driveways will all be covered. A delivery chute will turn the manufactured product either into the storage room or into the car. A 40 by 140 foot hay shed will be built in connection with mill.

THE ARKANSAS COTTONSEED CRUSHERS ASS'N held its annual meeting in Little Rock, Ark., July 8 and 9. The meeting was called to order by Pres. E. S. Ready at 10:30. Among the addresses of interest were, "The Value of Cottonseed Products for Local Feeding and Fertilizing Purposes" by W. W. Boyd of Magnolia, "Cottonseed Grading" by J. B. Fishburne, Little Rock, "The Relation of the Farmer to the Oil Mill" by John H. Page, State Commissioner of Agriculture, "Our Friends, the Crushers" by Judge W. M. Kavanaugh, and "Increasing the Yield of the Cotton Crop Without Increasing the Acreage" by H. W. Bennett. The old officers were re-elected. They are E. S. Ready, Helena, pres., J. P. Faucett, Argenta, vice-pres., and P. F. Cleaver, Arkadelphia, sec'y-treas.

THE OHIO FEED STUFFS LAW requires amount of net weight shown on all sacks of Feed Stuffs sold within the State. With shippers of Cotton Seed Meal it

seems customary to ship 100 lbs. gross or 1980 lbs. to the ton; the cost of sacks weighing one lb. each, presumably making up the difference in price. While this may be in keeping with the Memphis Merchants Exchange it does not comply with the Ohio Feed Stuffs Law requirements and is in conflict therewith. Manufacturers must label sacks showing number of "net" lbs. If sacks are marked 99 lbs. net, it simply means 1980 lbs. to the ton if shipped in 100 lb. sacks. We therefore caution buyers of feeding stuffs to see that all sacks show "net" weight. If this is only 99 lbs., then it means 1980 lbs. instead of 2,000 lbs. "net" to the ton. Therefore, when placing your orders, make sure that you are buying either on basis of 1980 lbs. only, or 2,000 lbs. "net" to the ton. If manufacturer's or shipper's sacks are not properly labeled, kindly call the Department's attention to the omission.—Official Bulletin Ohio Agricultural Commission, Columbus, O.

THE GRAIN DEALERS JOURNAL is the best grain journal in the market. I enjoy reading it very much.—F. M. Thomas, Greenfield, Ind.

Malt Sprouts Must Not Contain Added Screenings.

We recognize that malt sprouts, because of their method of production, must contain a small amount of barley hulls and small, immature and broken kernels of malted barley. We also believe it perfectly possible, however, to limit this material, other than malt sprouts, to a reasonable and not excessive amount.

It has been our experience that some of the maltsters of the United States run their machines for detaching malt sprouts from malted barley in such a way that they remove a much larger quantity of the barley hulls than there is any necessity of removing. This results in an excessive amount of barley hulls in the malt sprouts. Not only have we found the above to be true, but we have also found that some of the maltsters add to their malt sprouts the skimmings from the steep tanks, consisting principally of light barley grains and chaff, and the screenings which are cleaned from the barley before it is subjected to the malting process, consisting of weed seeds, chaff, foreign grains, immature and broken barley grains, etc.

The department has never yet recommended a case relative to malt sprouts for prosecution unless the foreign material in the product amounted to 10 per cent or more. While we do not wish to go on record as saying that 10 per cent foreign material such as is described above is allowable in malt sprouts, this has been our limit up to the present time. This limit for foreign material was adopted after a careful investigation of the method of production of malt sprouts and the composition of same, and is believed by us to be an exceedingly generous limit. It is possible that further investigations will show that this limit of allowable foreign matter can be reduced.

We may add that even at the present time (July 17) if the foreign material in malt sprouts amounted to less than 10 per cent and we could prove that such foreign material had been added to the malt sprouts after they were produced, either in the form of skimmings, screenings, or hulls, we would consider the product adulterated under the provisions of the Food and Drugs Act.—D. F. Houston, Secretary of Agriculture.

German Duty on Corn Feeds.

Corn feedingstuffs (Maisfuttermitteln) duties will be collected under the conditions of a circular just issued by the German Imperial Treasury Department, which provides that:

Corn oil cakes and corn oil cake meal—waste from the production of maize oil—may be admitted free of duty under Tariff No. 1913, as solid residues from the production of fatty oils, so far as the merchandise does not fall within the prescriptions of paragraph 4 below, and is not mixed with corn, groats or grits, or other dutiable substances.

Corn feeding stuffs which are waste materials from the manufacture of starch, or from the preparation of glucose or spirits from starch (to which category the articles imported under the names "Maizena feed," "Maissano," "Maiskräftfutter," "Gluten Meal" and "Gluten feed" belong) may be admitted free of duty under Tariff No. 194, an expert examination of the goods by the "Versuchsanstalt für Getreideverarbeitung in Berlin" being necessary only if the Customs officials entertain doubts as to whether the goods are in fact waste products from the manufacture of starch, etc., or as to whether they are mixed with other materials.

Corn feeding stuffs produced in the process of grinding maize ("Homoo," "Hominy," "Diamond feed," "Star feed," "Victoria feed," "Maize Germ Meal," etc.) are to be tested with the sieve, in accordance with the special regulations on the subject, if duty-free admission is claimed for them, under Tariff No. 1912, as waste from the grinding of corn (Maiskleie). If the proportion of the fine material which passes through the sieve does not exceed 25 per cent, the merchandise is to be admitted free of duty; if the proportion exceeds 25 per cent but does not exceed 35 per cent, the merchandise must be denatured—so far, in both cases, as the material which passes through the sieve is neither white nor pure yellow, and the coarser material which remains in the sieve does not contain grits or groats. In the contrary event, or if the proportion of fine material which passes through the sieve exceeds 35 per cent, or if the importer does not agree to denaturation, a sample of the merchandise is to be submitted to examination by the "Versuchsanstalt" mentioned above. The product is to be assessed for duty under Tariff Nos. 162, 164 or 165, or admitted free of duty (subject, in certain cases, to denaturation), according to the results of the examination, as explained in the Circular.

In cases where corn feeding stuffs are suspected to contain additions of corn-cob meal or of parts of other dried forage plants, the product must in all cases be submitted to examination by the "Versuchsanstalt." If the product is found to consist of solid residues from the manufacture of fatty oils mixed with corn-cob meal and the like in a proportion of more than 5 per cent, it is to be admitted free, under Tariff No. 27, without denaturation; but in the case of all other mixtures containing more than 5 per cent of corn-cob meal and the like (so far as the goods are not to be treated as milling products, dutiable under Tariff Nos. 162, 164 or 165), duty-free admission under Tariff No. 27 is to be subject to denaturation by means of coal dust.

AN ELEVATOR of 3,000,000 poods capacity (Pood equivalent to 36 lbs.), will be erected in Christopol (East) Russia. The erection was unanimously favored at a meeting recently held in Kazan, Russia.

Exports of Feedingstuffs.

Exports of feedingstuffs during May, 1914, compared with May, 1913, and during the 11 months ending June 1, 1914, compared with the corresponding period of 1913, according to the report of the United States Bureau of Statistics were in tons as follows:

	May.		Eleven months ended June 1,	
	1914.	1913.	1914.	1913.
Bran and mid'lings	209	573	2,255	6,001
Dr. grns. and mlt. spts.	4,249	10,773	53,605	67,501
Mill feeds	4,237	10,459	63,503	140,608
Oil Cake and Oil Cake Meal.				
Corn	2,154	3,123	27,352	33,400
Cottonseed	17,389	29,261	381,931	534,038
Linseed	13,056	26,555	312,950	379,523
All other	560	35	4,002	3,339

Grain Storage and its Effect on Weight.

According to experiments in North Dakota and Utah varying results are obtained in the weight of wheat and oats that are kept in storage. In North Dakota where the experiments were conducted at the North Dakota Experiment Station by T. Sanderson and extended over a period ranging up to four years winter and spring wheat was stored in bins and usually showed a loss in weight. The data taken was from 34 samples in which the decrease weight was sometimes 2.54 per cent, tho in a few instances the results showed an increase in weight as reported in Special Bulletin No. 2.

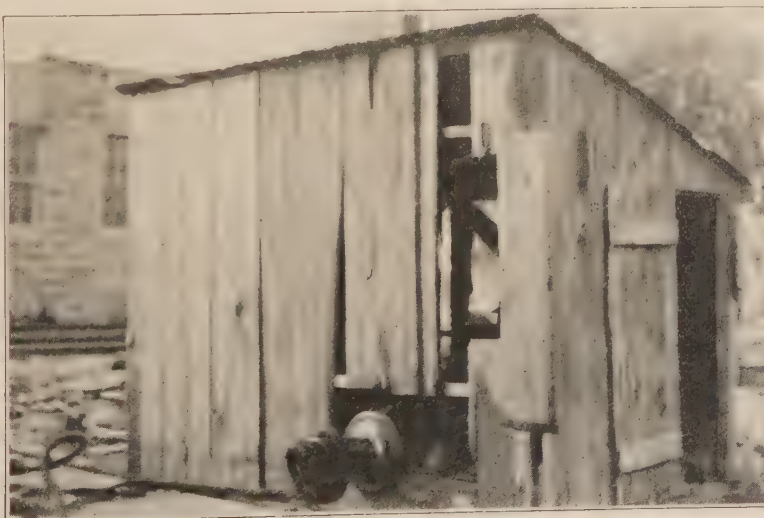
F. S. Harris and G. Thomas conducted the tests in Utah with wheat and oats stored in bags. The samples were weighed every month during a period of 2 years. Contrary to popular opinion there was a gain in weight of from 2 to 4½ per cent during the fall following the harvest. In every case the gain would come in the winter and the loss in the summer and in no case did the method of raising and harvesting the grain have as much effect on the change of weight as the temperature and humidity, as reported in Bulletin 130 of the Utah Experiment Station.

A Trap for Children.

Drums winding the ropes of power shovels or car pullers are notoriously prolific of fatal accidents, so much so that men working around the drums of the shovels are cautioned to keep away, and signs are posted warning unwary visitors of the danger lying in the car puller rope.

Aside from having a leg wound on the car puller drum there is the possibility that should the rope part under the stress of pulling a number of cars the end of the heavy cable would fly with the elasticity of a rubber band and the weight of iron, maiming or killing all persons in its path.

At a Kansas mill is the shack shown in the engraving, housing a power car puller. The machinery is constantly running; the pulley is exposed and the rope is on it. The walls of the shack have many openings and the door is open. Children pass the place to go to the river fishing. In view of the attraction moving machinery has for the average small boy this is a glaring violation of all "Safety First" rules. Fence it in.



A Car Puller Trap for Children.

Future Trading in Grain in Germany.

D. F. Piazzek, the well known grain dealer of Kansas City, some time ago addressed his cousin, George Nicholas Ifft, who is consul at Nuremberg, Germany, asking him to obtain an official report of the history of the abolition of option trading by the German government some years ago. His report has been received and made a part of the United States Consular Official Reports, as follows:

Future trading in grain (Getreideterminhandel), as understood in Germany, means selling and buying grain for future delivery, all terms of the agreement, with the exception of price, being governed by Bourse regulations and customs and not by agreement of the contracting parties. The grain loses all particularity as to origin, etc., and is dealt with solely on the basis of certain established quality-regulations. Even delivery may not be fixed at will, but must be according to certain fixed time limits. In Berlin the time of delivery is fixed for two succeeding months, usually April and May, or September and October. As a result, future dealing in grain is almost exclusively concerned with the establishment of the price in the markets of the world, and it thus becomes a vehicle of speculation.

The exclusion of local conditions of production as well as of the producer from the regulation of prices led to protests on the part of agrarians and finally to the passage of the Bourse law of June 22, 1896, which forbade dealings on the Bourse in futures in grain and milled products (Börsenmässiger Terminhandel in Getreide und Mühlenfabrikaten). The immediate result was to exclude business in grain futures from the use of the machinery of the Bourse and to prevent the circulation of price lists relating to such business, so far as this business had been concluded in Germany.

As to the validity of individual contracts for future deliveries (Einzelbörsentermingeschäfte) in grain and grain products, no doubt existed. Practical and legal opinion were at one on this point until December 1, 1900, when the Imperial Supreme Court, at Leipzig, decided (R. G. Z. 47: 104) that contracts made in contravention of the legal prohibition against dealing in futures were invalid. Following this decision the grain market was thrown into the utmost confusion.

The Present Bourse Law.—At Berlin, following long consultations between State officials and the representatives of agriculture and trade, a system was devised by which a somewhat defensible legal business could be conducted. Produce exchanges were replaced by individual trade ass'ns, but the new business methods were unsatisfactory, owing to the lack of reliable price quotations and to the opportunity for chicanery, and even default, afforded those who were willing to avail themselves of the many legal loopholes which an extra-legal business offers.

This situation led to the adoption of the present Bourse law, which went into effect June 1, 1908, and which gives a small measure of recognition to future trading in grain. Paragraph 65 of this law reads:

"It is forbidden to deal on the Bourse in futures in grain and milled grain products." Paragraph 66 confirms the decision of the Imperial Supreme Court of December 1, 1900, previously referred to, in the following language:

Effect.—No obligation is established by a forbidden dealing on the Bourse in grain or milled products. The invalidity extends also to the granting of a security.

The right to recover what has been performed in reliance on the contract, on the ground that by virtue of section 1, sentence 1, no obligation has existed, expires after the lapse of two years from the time of performance, unless the person entitled to recover shall have declared to the obligator in writing, before the expiration of said period, that he will demand delivery.

Paragraph 67, however, provides as follows: The provisions of paragraphs 50 to 66 shall not apply to the purchase or other acquisition of grain or milled grain products, if the deal is concluded according to the business regulations which the Federal Council (Bundesrat) shall have approved, and in which as parties to the contract only the following persons shall participate: (1) producers and manufacturers of products of the same class as those which constitute the subject matter of the transaction; or (2) such merchants or registered mutual associations, in whose business activities the purchase or sale of or the granting of loans upon grain or milled products forms a necessary part.

The business regulations must provide: (1) That in case of delay the party not at fault can not decline to accept performance of contract without granting to the party at fault a reasonable term for the fulfilling of the contract; (2) that only a product may be delivered which, prior to the declaration of readiness to deliver, shall have been examined by experts, under oath, and declared to be deliverable; (3) that a product not complying with the conditions of the contract may be delivered, if the lesser value, upon the determination of the experts, shall not exceed a fixed amount and the purchaser shall receive satisfaction therefor; while, if the experts shall establish a greater value not exceeding a fixed amount, the seller shall receive satisfaction therefor.

Paragraph 68 provides: If a contract providing for the delivery of grain or milled grain products shall have been concluded with the intention that the difference between the agreed price and the exchange or market price at the time of delivery shall be paid by the winning party to the losing party, the provisions of paragraph 66 shall be applicable, even when it is not a question of a forbidden dealing in futures on the Bourse. This shall also apply when it is intended that only one of the parties shall pay the difference, the other party, however, knowing or being in a position necessarily to know such intent.

The provisions of paragraphs 762-764 of the Civil Code (Bürgerliches Gesetzbuch) have no application to a contract for the delivery of grain or milled grain products.

Permissible Grain Transactions.—Grain trading in Berlin is now conducted under the foregoing regulations. Under them contracts for delivery of grain or milled grain products are permissible, if the transaction takes place according to business regulations approved by the Federal Council, and the contractors are producers or those merchants or duly registered corporations whose business operations necessitate the dealing in grain or grain products.

A BUYER is loading about 100 loads of grain a day, at this station, into cars that will hardly hold baled hay. He uses paper for cooping as there is no bur-lap. Looks like an awful waste of good grain.—G. E. Calmon, agt. Omaha Elvtr. Co., Alda, Neb.

IMPORTED WHEAT which heated during the time in transit was assessed 25c per bushel by the Board of General Appraisers of the Treasury Department despite the protest of Atwood, Stone & Co., of Duluth, the importers. The importers contended that since the wheat had heated to such an extent that its germinating qualities had been practically destroyed and that good white bread could not be made from it, it was no longer wheat but "an unenumerated unmanufactured article." The board held that it was simply a different grade of wheat.

Grain Carriers

WE ARE looking for a car shortage this season.—Frank L. Currie, mgr. Rock Lake Elvtr. Co., Ewan sta. (Rock Lake p. o.), Wash.

TWENTY-FIVE HUNDRED freight cars have been ordered by the New York Central Ry. to be used on the T. & O. Cent. division.

PROPOSED CHARGES intended to be assessed by trunk lines in official classification territory will not be investigated until fall. Recently the Interstate Commerce Commission issued the order postponing the investigation.

ELEVATION ALLOWANCE on grain at East St. Louis and St. Louis destined for Evansville, Ind., have been withdrawn by the railroads. The withdrawal of the allowance was approved by the Interstate Commerce Commission July 21.

FOR AN ALLEGED OVERCHARGE on a shipment of corn from Sheldon, Ia., to Kansas and Missouri points, the McCaull-Dinsmore Co. of Minneapolis has filed a suit with the Interstate Commerce Commission for \$1,655 against the C. M. & St. P. and M. P. Rys.

ALLEGING AN OVERCHARGE in freight on shipments of grain and middlings from Arlington, Minn., to Honey Creek, Wis., M. J. Rankin & Co. of Milwaukee, Wis., have filed a suit against the M. & St. L. Ry. with the Interstate Commerce Commission asking for reparation to the extent of \$18.

PAYMENT OF LOSS-IN-TRANSIT where no bad order is in evidence will be asked by the Western Grain Dealers Ass'n from the railroads. Suits will be filed in the near future. The ass'n intends to establish the legal rights of the shippers to hold the carriers responsible to deliver all the grain at the destination that is loaded at the shipping point.

NEW GRAIN CARS numbering 20,650 will be available for the movement of the grain crop in Illinois this fall according to reports received from 7 railroads in operation in the state by the Public Utilities Commission recently. Several of the roads report that cattle cars are being reconstructed for the handling of grain. One road has rebuilt 3,000 cars.

REDUCED RATES over the transcontinental lines of the C. M. & St. P. Ry. will be enjoyed by shippers in North and South Dakota for the next two years, according to an order issued recently by the Interstate Commerce Commission. The new rates will take effect Sept. 1 and will include territory for distances up to 600 miles from St. Paul and Minneapolis.

A REDUCED RATE over the C. & A. Ry. on grain from Missouri River points to Chicago is destined to cause a great part of the Missouri crop to be sent to the lake city instead of St. Louis where it is usually received, according to grain men of that place. The dealers of St. Louis are now preparing to file a complaint with the Interstate Commerce Commission. They alleged that they will be placed at a great disadvantage by the rate. It is believed that the case can not be heard until after this year's crop has been moved, thus giving Chicago the benefit of one year at least. The railroad contends that the reduction was made necessary in order to meet the competition of the other roads.

THAT the relation of the intrastate and interstate rates on the G. N. Ry. are discriminatory is the contention of the Northwestern and six other grain companies of Minneapolis. Hearings were held before Edgar Watkins, special attorney for the Interstate Commerce Commission, beginning July 21. No decision has been made as yet by the Commission.

DISCRIMINATORY GRAIN RATES over the C. & A. Ry. from Missouri to Chicago are alleged by the Springfield, Ill., Commercial Club in a complaint filed with the Interstate Commerce Commission July 10. The complainants ask that the rates be suspended on the ground that southern Illinois will not be able to sell as cheaply as Chicago buyers and will thereby be placed at a disadvantage.

FREIGHT CARRIED by the steam railroads of the United States (including freight received from connections) amounted to 2,058,035,487 tons for the 12 months ending July 1, 1913, compared with 1,818,795,630 tons carried in 1911-12, according to the report of the Interstate Commerce Commission. The ton mileage during the same period was 301,398,752,108; compared with 263,779,908,254 in 1911-12, or an increase of 37,618,843,854.

BECAUSE OF A DELAYED shipment of a car of corn Krohn & Deckrosh, grain dealers of Custer, O., were recently given a judgment for \$79.88 against the C. H. & D. Ry. The grain dealers alleged the corn was half a ton short at its destination while the railroad claimed that the corn was shipped green and had evaporated. The court held that the evaporation had taken place but also held that the delay in handling was the cause.

HIGHER SWITCHING rates are being exacted in the Milwaukee yards on interstate commerce than is allowed by the Wisconsin Railroad Commission, according to the testimony of the Milwaukee road officials at a recent hearing before the Interstate Commerce Commission. The charge is being strongly opposed by the freight department of the Milwaukee Chamber of Commerce. A hearing will be held by the Commission at a later date.

RATE DISCREPANCIES in the published tariffs of the B. & O. and N. & W. Rys. which went into effect on interstate traffic in North Carolina on June 20 were discussed by the railroad officials and the state authorities July 6. The state, thru E. L. Travis, chairman of the corporation commission, contended that the rates were a violation of the compromise agreement on tariffs. Milling in transit rates were also considered at the hearing. Under the new tariffs the state is discriminated against on grain and grain products shipments in favor of the Virginia cities with which the two railroads do a larger business and which it is thought they desire to favor.

A SWITCHING CHARGE of \$2.50 per car on industrial tracks is being bitterly opposed by the associated jobbers of Los Angeles who recently asked the State Railroad Commission to prohibit the roads operating in California from making the charge and to make a refund of such charges collected during the past two years. The jobbers of San Francisco are contemplating a like move for their city. The federal commission has held the charge wrong and has been sustained in this opinion by the United States Supreme court. The railroads contend the Commission recently reversed itself in the industrial rate case which it decided.

TRANSIT PRIVILEGES on grain reconnected from Milwaukee via the N. W. Ry. will be granted to transit stations in Wisconsin. Recently the Western Railway and Inspection Bureau issued a circular denying these privileges and on July 21 the Bureau informed the various stations that the circular had been issued under a misinterpretation of the transit rules and regulations.

INCREASED RATES within the maximum allowed by the State Public Utilities Commission of Illinois were asked for by J. H. Cherry, representing the I. C. Ry. recently. Mr. Cherry gave no reason for the increase, but contended that since the Interstate Commerce Commission did not ask for a reason the State Commission should not as long as the rate came within its ruling. The C. B. & Q., Vandalia, B. & O. and C. & E. I. Rys. were also represented in the request.

MOTOR WAGONS to be run in connection with the railroad may be installed by the C. P. R. Ry. in the prairie provinces of Canada if a plan now under consideration by that company is consummated. The wagons will run from the various stations to the different farms and will be designed to carry about 1/6 of a carload. They will be especially designed to carry grain, the fall movement of which is the primary cause of their consideration. Railroad authorities think, however, that the investment can be made justifiable by the handling of other freight in times when the grain is not moving.

THE GRAIN REBATING charges brot against the Pennsylvania Railroad Co., the Keystone Elevator and Warehouse Co. and Harvey C. Miller and John F. McLaughlin, pres. and supt., respectively, were halted on July 9 by the dismissal of the jury which after nearly 24 hours' deliberation was unable to reach a verdict. The case had been on trial for four and a half weeks and is considered one of the most technical of its kind. It was heard by Judge Dickinson in the United States District Court at Philadelphia. In the indictments there were 70 and 78 counts respectively and during the trial a part of these had been dismissed while others were pressed. These technicalities caused the confusion of the jury and its inability to reach a verdict. The defendants will be tried again on the same counts. Tho a definite time for the new trial is not set, it is expected that it will be held some time in September.

RESHIPPING RATES on grain and grain products from Milwaukee, Wis., to points in eastern trunk line territory (points east of and including the western termini of Buffalo, Pittsburgh, etc.) via Chicago have been withdrawn by the carriers operating in this section. The withdrawal becomes effective Aug. 1. The reshipping rates from Milwaukee via Chicago have been withdrawn also on thru shipments, that is, shipments not stopped for transit privileges, so that the reshipping rates will apply only across the Lake. However, the carriers have retained the former local rates from Milwaukee via Chicago which are on the basis of 21 cents per 100 pounds to New York, domestic, 5 cents over the reshipping rates from Chicago. We have requested the carriers to give consideration to the withdrawal via Chicago of the local rates also, so that shipments may be given the benefit of the local rate of 3 cents from Milwaukee to Chicago.—Transportation Com'te, Chicago Board of Trade.

TWO CHANNELS will be provided in the narrower reaches of the St. Lawrence River within the next year in order that the danger of collision may be minimized. One of these will be used by vessels of 15 feet or less draught and the other by ocean liners. Arrangements are being made by the Canadian Department of Marine and Fisheries to double-channel the river from Point Aux Trembles to Lake St. Peter. A part of the work is already completed and surveys are being made for the remainder.

Changes in Rates

As shown by tariffs recently filed with the Interstate Commerce Commission the carriers have made the following changes in rates:

C. G. W. in Sup. 20 to 15390 quotes commodities rates between Chicago, Ill., and St. Louis, Mo., and Dubuque, Ia., effective Aug. 1.

C. H. D. in Sup. 6 to 5408E names rules governing milling, malting, drying, sacking, screenings, cleaning and shelling in transit at its stations, effective July 27.

Chesapeake & Ohio quotes a rate of 8½c on corn from shipside Newport News, to Lynchburg, Va., when imported from Argentine Republic, effective Aug. 10.

B. & O. S. W. in Sup. 4 to H2154C quotes rates on grain and grain products from its stations west of Aurora, Ind., to Flora, Ill., and its stations east of that point, effective July 28.

Can. Pac. quotes an export rate of 25½c on wheat and oats from Fort William, Ont., to Petersboro, Ont., when milled there and reshipped to New York, N. Y., effective July 28.

C. B. & Q. in Sup. 7½ to 1346-E quotes rates on grain and grain products between Peoria, Quincy and East St. Louis, Ill., and stations on the C. B. & Q. in Illinois, effective July 6.

Norfolk & Western quotes a rate of 8½c on corn in packages when imported from Argentine Republic, via Norfolk and Lambert's Point, Va., to Lynchburg, Va., effective Aug. 10.

Mo. Pac. quotes a rate of 13c on malt from Sioux Falls, S. D., to Atchison, Leavenworth, Kan.; Falls City, Nebraska City, Neb.; Kansas City and St. Joseph, Mo., effective July 13.

C. R. I. & P. quotes a rate of 12½c on flaxseed from Atchison, Leavenworth, Kan., Kansas City, Sugar Creek and St. Joseph, Mo.; to Omaha, Neb., and Council Bluffs, Ia., effective Aug. 14.

M. St. P. & S. S. M. in 18425 quotes rates on grain and grain products between its stations in Minn. and Wis.; and Chicago, Joliet, Coster, Ill., Milwaukee and Manitowoc, Wis., effective Aug. 1.

C. G. W. in Sup. 4 to 97-B quotes rates on grain, grain products and seeds between Minneapolis, St. Paul, Minn.; and its stations, effective on interstate traffic Aug. 20 and on intrastate traffic July 27.

Ill. Cent. in Sup. 3 to 2159B quotes proportional rates on grain products from stations in Ill. and Dubuque, Ia.; to its stations in Ind., Ill. and connecting lines and Paducah, Ky., effective Aug. 1.

I. C. in Sup. 3 to 341C quotes proportional rates on grain and grain products from its stations and connections and stations on Missouri River; to its stations south of Ohio River and west of Paducah, Ky., effective Aug. 2.

C. R. I. & P. quotes a rate of 14c on wheat and corn and 19½c on flaxseed between Rock Falls, Robertson, Little Rock, Neola, Livermore and Oakland, Ia.; and Round Lake, Reading, Wilmont, Worthington, Lismore and Kenneth, Minn., effective July 31.

Mo. Pac. in Sup. 9 to 3156E quotes rates on grain and grain products from stations on Missouri River; to points in Okla. on connecting lines, effective Aug. 13.

Ill. Cent. in Sup. 8 to 601C quotes rates on grain, grain products and seeds between Milwaukee, Wis., Chicago, Ill., and other stations in Wis. and Ill.; and its stations in Ia., Minn., S. D. and Omaha, Neb., effective Aug. 5.

M. & St. L. quotes a rate of 14.75c on grain, grain products and flaxseed from Cordova, Maryville Jctn., Bussey, Adelphi, Hastie, Harvey, Percy and other stations in Ia.; to Minneapolis and St. Paul, Minn., effective Aug. 2.

U. P. in Sup. 19 to GFO 13475 quotes rates on grain, grain products, broomcorn and seeds between stations in Ill., Kan., Colo., Mo., Minn., Ia., and Wyo.; and stations in Kan., Colo., Nev., N. M. and Wyo., effective Aug. 5.

Ill. Cent. in Sup. 19 to 1533B quotes rates on grain, grain products and seeds between its stations in Ia., Minn. and S. D. and Omaha, Neb., and its stations in Ill. and Ind., St. Louis, Mo., and Paducah, Ky., effective Aug. 5.

Mo. Pac. in Sup. 21 to 2385A quotes rates on grain, grain products and seeds between St. Louis, Carondelet, Mo., Cairo, Gale and Chicago, Ill.; and stations on St. L. I. M. & S. Ry. and connecting lines in Ark. and Okla., effective Aug. 13.

C. B. & Q. in Sup. 48 to 3200-B and Q. O. & K. C. 1244-A gives joint and proportional rates on grain and grain products between Missouri river points and Chicago, Ill., St. Louis, Mo., St. Paul, Minneapolis, and Winona, Minn., and La Crosse, Wis., effective Aug. 1.

C. E. Fulton, agt. C. & A., I. C. and C. & E. I. quotes a rate of 20c on grain and 20½c on grain products from Indianapolis, Ind., and 22c on grain and 22½c on grain products from Chicago, Ill., and Milwaukee, Wis.; to Bristol, Tenn.-Va., effective Aug. 1.

L. A. Lowry in Sup. 11 to 20-E gives terminal charges, rules and regulations from or to points within the Chicago district on out-bound and in-bound freight, also rules governing intermediate service on freight passing thru the Chicago district, effective August 14.

C. B. & Q. in Sup. 19 to 4,000-B and Q O & K C 1244-A quotes joint and proportional rates on grain, and grain products between Chicago, Ill., St. Louis, Mo., St. Paul, Minnesota, and Winona, Minn., and La Crosse, Wis.; and stations in Ia., and Mo., effective Aug. 1.

C. B. & Q. in a special supplement to 3457-F and Q O & K C 112-G gives reconsigning rules, restrictions as to acceptances of freight and freight requiring prepayment or guarantee, mileage payments and rental charges on private cars refrigeration and the like, effective Aug. 1.

Santa Fe quotes a rate of 12c on wheat from Salina, Kan.; to Parsons, Kan.; and 11½c on bran, chop feed (except wheat chops), middlings and shorts from Stafford, Kan.; to Galena, Parsons, Paola, Clinton, Ft. Scott, and Harrisonville, Kan., effective intrastate June 23, interstate July 27.

C. B. & Q. in Sup. 3 to 9944-A quotes local and joint Iowa distance rates on class and commodity freight between Iowa stations on the C. B. & Q. and G. N. Rys., also between Iowa stations on the C. B. & Q. and G. N. Rys. (in connection with Iowa State Traffic only), effective Aug. 1.

Santa Fe quotes a proportional export rate of 17c on grain products from Atchison, Leavenworth, Kan., Kansas City and St. Joseph, Mo.; to Hamilton, Cincinnati, O., Monon, New Albany, Oxford, Rensselaer, Indianapolis, Logansport, Lafayette, Ind., and Louisville, Ky., effective Aug. 1.

Mo. Pac. in Sup. 2 to 1258F quotes rates on grain, grain products and seeds from stations on Missouri River; to southern stations; also Ill., La. and Miss. points for making rates to Carolina and southeastern territory; and between upper and lower Mississippi River crossing, effective Aug. 5.

C. B. & Q. in Sup. 7 to 849-D quotes rates on grain and grain products from its stations in Ill., Ia. and Mo. and stations on the C. A. & DeK. R. R., R. I. S. R. R. and R. I. Ry. and Victoria, Ill., to the Atlantic seaboard and interior points and eastern Canadian points, effective Aug. 10.

C. B. & Q. in Sup. 8 to 1117-F quotes lake and rail rates on class and commodity freight from its stations on and east of Mississippi River, also from stations on P. R. T. Co. and P. & P. U. Ry. to the Atlantic seaboard and interior points, Buffalo, N. Y., and Erie, Pa., effective Aug. 10.

I. C. quotes an export rate of 13½c on corn, 14c on wheat and 14½c on oats from Central City, Centralia, De Sota, Duquoin, Irvington and Carbondale, Ill.; to New Orleans, La., also 14½c on corn, 15c on wheat and 15½c on oats from Effingham, Watson, Edgewood and Chicago, Ill.; to New Orleans, La., effective Aug. 2.

C. R. I. & P. quotes a rate of 25½c on wheat, 20½c on corn, 34c on millet seed, 37c on flaxseed and 40c on hemp seed from Strickler, Kan.; to Little Rock, Ark.; 32½c on wheat and 30c on corn to New Orleans, La.; and 25½c on wheat, 22c on corn and 32c on alfalfa feed, meal and seed to Memphis, Tenn., effective July 6.

Mich. Cent. in Sup. 29 to 9078 amends rates on grain and grain products from its stations (west of the Detroit and St. Clair Rivers) also from stations on the B. C. G. & A., C. K. & S., D. & C., D. B. C. & W., E. J. & S., K. L. S. & C., M. & N.-E., Mich. and T. T. Rys. to eastern cities and Canadian basing points, effective Aug. 15.

Atlantic Coast Line quotes a rate of 17c on corn, wheat, middlings, wheat bran, shorts or millstuffs, imported but not to apply from shipside, from Savannah, Ga.; to Armour, Athens, Atlanta, Belt Jctn., Cartersville, Cedartown, Chattahoochee, Columbus, Dalton, Federal, Prison, Fort McPherson, and other stations in Ga., effective Aug. 9.

C. B. & Q. in Sup. 40 to 1800-B and 895-H quotes rates on grain, grain products, broom corn and seeds between its stations west of Missouri River, also on the R. C., B. H. & W. Ry. and Chicago, and Peoria, Ill., St. Louis, Mo., St. Paul, Minneapolis, and Duluth, Minn., and stations taking the same rate, also points on lines east of the Missouri River, effective Aug. 10.

C. G. W. in Sup. 2 to 14123 quotes joint and proportional rates on buckwheat, prepared rye, and wheat, pearl barley, also chicken feed manufactured from grain or seeds, in sacks or bulk, also bran shorts or middlings in mixed carloads from Council Bluffs, Ia., and Omaha, Neb. (applying on shipments originating beyond or manufactured from shipments originating beyond) to its stations and Millman, Ia.; to Ravenswood inclusive, effective July 20.

Mo. Pac. quotes a rate of 25¼c on wheat, 22c on corn, 32¼c on hemp seed and 32c on flaxseed from Stricker, Kan.; to Cairo, Ill., and Memphis, Tenn.; 23¼c on wheat and 21c on corn from Stricker, Kan.; to Cairo, Ill., Evansville, Ind., when destined to southeastern and Carolina territories; 30c on corn and 32½c on wheat from Stricker, Kan.; to New Orleans, La.; also an export rate of 23c on corn and 26c on wheat from Stricker, Kan.; to Mobile, Ala., New Orleans, Westwego, La., Galveston and Texas City, Tex., effective July 14.

C. M. & St. P. quotes a rate of 20c on barley, corn, rye and oats and 22½c on wheat from Freeman, Menno, Tuscan and Scotland, S. D.; to St. Louis, Mo.; also a rate of 21c on bran, shorts and middlings from Minneapolis and St. Paul, Minn.; to Pittsburgh, Kan., Aurora, Liberal, Cartthage and Joplin, Mo.; 18c to Higginsville and Marshall, Mo.; 21½c to Jefferson City, Mo., and 19c to Ft. Scott, Kan.; and a proportional export rate of 22c on rye sprouts, wheat and rye feed, and 21c on corn, oat and hominy feed, ground middlings, bran shorts, malt and cob meal from Council Bluffs, Ia., Omaha, Neb., Kansas City, St. Joseph, Mo.-Kan., Atchison, and Leavenworth, Kan.; to Norfolk and Newport News, Va., effective Aug. 1.

Seeds

EMBDEN, N. D., July 17.—Flax acreage small.—A. Tausan.

REGENT, N. D., July 17.—Flax acreage small.—A. K. Moehn.

BEACH, N. D., July 17.—Flax condition 100%.—F. A. Powers.

COLGATE, N. D., July 17.—Flax acreage decreased.—T. M. Comer.

CHAFFEE, N. D., July 17.—Flax acreage decreased 50%.—I. M. Bunn.

VALLEY CITY, N. D., July 17.—Flax condition 75%.—J. H. S. Thomson.

CONCORD, MONT., July 10.—Flax best crop; alfalfa looking fine.—J. E. Helms.

THOMPSON, N. D., July 17.—Flax acreage small; condition good.—M. C. Gaulke.

CLYDE, KAN., July 18.—Alfalfa short crop.—Chas. Mather, mgr. Brandon Grain Co.

SHARON, N. D., July 17.—Flax acreage decreased; condition 100%.—N. A. Anderson.

MOSELLE STA. (Wyndmere p. o.), N. D., July 17.—Flax condition poor.—S. A. Jackson.

SHERWOOD, N. D., July 17.—Flax condition 80%; acreage decreased 15%.—A. A. Lane.

THE CLOVER fields are almost a failure in this vicinity.—J. E. Sullivan, Agt., C. I. G. Co., Buffalo Hart, Ill.

THE ALBERT DICKINSON Co., Chicago, Ill., has registered the name "Little Buster," for its popping-corn.

FOREST, O., July 10.—Clover promises average crop; alsike seed threshing indicates 3 to 5 bu. yield.—C. E. Emery.

THE MILWAUKEE SEED Co. of Milwaukee, Wis., was recently incorporated by E. L. Rosenberg, Della Deslile, and Edna Rosenberg.

HURON, O., July 21.—Timothy seed good; grass cut late this season and an estimate can hardly be made up to clover seed.—H. J. Merthe.

COLUMBUS, O., July 1.—Clover is damaged 4% by white grub worm.—A. P. Sandles, Com's'n-r-in-Charge, Division of Agriculture, Agricultural Com's'n of Ohio.

FREDERICK NEUHAUS, Paris, France, has just returned from Missouri where he purchased 20,000 bus. of seed corn. The corn has been shipped to France.—M.

WEEBER & DON, New York, have registered the word, "Bonnieseed," for their grass, vegetable, flower, and farm seeds. The name has been used by the firm since Feb. 1.

THE SEED COM'ITE for the Indianapolis Board of Trade for the ensuing year has been chosen as follows: Edward M. Burge, chairman, Tully C. Crabbs, and A. F. Files.—M.

TOLEDO received the first car of new red clover on July 22. The car was graded rejected on account of the pepper grass, dock, and dirt in it. The first car was received July 14 last year.

THE FIRST CAR of August delivery timothy seed sold in the Chicago market for a number of years was purchased by Thomas Hunter from Lamson Bros., July 16. The trade was made at \$6 per 100.

EDMONTON, ALTA., July 15.—Flax acreage in Alberta for 1913 was 96,445 acres; yield 799,653 bus.; compared with 112,776 acres; yield 1,196,416 bus. for 1912.—Hon. Duncan Marshall, Minister of Agriculture.

LANSING, MICH., July 1.—The condition of clover in Michigan as compared with an average is 95% in the State, southern, central and northern counties and 90 in the Upper Peninsula.—F. B. Martindale, sec'y of state.

PEORIA, ILL., received during the month of June, 1914, 630,000 lbs. of seeds and 195,000 lbs. broom corn; compared with 60,000 lbs. of seeds and no broom corn in 1913, and shipped 30,000 lbs. of broom corn and no seeds; compared with 60,000 lbs. and 125,000 lbs. of seeds in 1913.

LUBBOCK, TEX.—We have had the best season in years so far and there is every prospect for a big crop of kafir and fetterita. Sudan grass, which is just beginning to head, promises a bumper crop. Farmers are already contracting for future delivery at good prices.—Graves & McWhorter.

THE ACREAGE of kafir will undoubtedly be less than it was last year as much of the planting was rather late. There is a good deal of variation in growth but aside from this the stand and prospect appear to be up to the ordinary.—F. D. Coburn, sec'y, Kansas Department of Agriculture, Topeka, Kan.

KAFFIR CORN inspected by the Kansas City Board of Trade Inspection Dept., numbered 2,199 cars in the annual report of Chief Inspector A. R. Ware for the year ending Dec. 31, 1913. Reinspections were called on 43 cars and the original inspection sustained on 29, ten of the balance being changed to a higher and four to a lower grade.

FLAX IN WISCONSIN shows a decrease of 5 per cent in acreage this year. The average acreage for beans is 96. The condition of alfalfa in the northern division of the state is 96.3, in the central division, 97.6 and in the southern division 97.6. The general average condition for the state is 97.2; compared with 92.9 in 1913.—Wisconsin State Board of Agriculture.

SUDAN GRASS acreage is increasing enormously in the state of Texas. Last year there was a total acreage of 100 and this year over 1,300. This rapid increase is probably due to the price brought by the seed last year, which ranged from \$1.50 to \$2.50 per pound. Many of the farmers in the state have planted large tracts to this seed and some have already contracted the seed for from \$1 to \$1.50 per pound.

THE CARRY-OVER of clover seed at Toledo is not burdensome. It is larger than some years, but much smaller than some others. Stock is mostly prime, which is chiefly held by outside dealers. Total stock is in the neighborhood of 2,000 bags against 1,000 one and two years ago. Three years ago it was 2,000, four years ago 25,000. At the close of the big 1908 season carry over was 35,000 bags. Year previous it was only 500. Four years previous carry over ranged from three to eight thousand bags. Farmers and dealers have more old seed than late years but much less than five years ago just after the big 1908 crop. Prices that year advanced to \$9.55 in October in spite of the carry over as crop was very small. October seed was down to \$5.77½ in March that season, scoring an advance of \$3.77½.—C. A. King & Co.

SUDAN GRASS seed growers in the vicinity adjacent to Lubbock, Tex., formed the Lubbock Sudan Grass Seed Ass'n on July 13. The officers of the new ass'n are: L. O. Burford, pres., D. Wheelock, vice-pres., Geo. W. Briggs, sec'y., J. E. Chase, treas. E. J. Cowart and W. D. Crump, together with the officers, were made the board of directors. The object of the organization will be to foster the growth of Sudan seed and create a good market for its sale.

CLOVER now seems to be permanently established above \$9. The dollar advance during July was followed by a sharp reaction. Scattered showers through the clover states induced heavy profit taking which was responsible for the break. Rains came too late to repair much of the damage. Crop reports are mixed but mostly unfavorable. A strong market is probable unless threshing returns should reveal larger yield than is now in sight. Alsike yields are phenomenal, many reports of 10 bushels to the acre.—Southworth & Co.

ALFALFA growers in Colorado are advised by C. P. Gillette, of the Colorado Agricultural College, at Fort Collins to be wary of the workings of the weevil. The growers are advised also to send any specimens of the plant that show signs of the insect to the state experimental station. Mr. Gillette states that the injury to the plant where the insect appears in small numbers is first noticed by the holes in the leaves near the bud. He says that care should be taken to see that potatoes, boxes of fruit, nursery stock and baled hay should not be brot from Utah without first being disinfected.

THE DROUTH has practically been broken in the important clover seed states, and the condition of the crop, also the prospect, is probably better than it was a week ago when we were in the midst of a hot, dry spell. The reports from the western states are mostly favorable; those from the central and important states are mixed; lots of good ones, and lots of bad, and the backing up of these reports is what makes the market so erratic. One day the good prospect section seems to want to sell and the market goes down, helped along, of course, by other short sellers, and then the next day the bad spot localities send buying orders, and up goes the price.—J. F. Zahm & Co.

Imports and Exports of Seeds.

Imports and exports of domestic seeds and re-exports of foreign seeds during May, 1914; compared with May, 1913; and during the 11 months ending June 1, 1914, compared with the corresponding period ending June 1, 1913, as reported by O. P. Austin of the Bureau of Statistics, were in pounds as follows:

		IMPORTS.			
		May,		Eleven mos. ended June 1.	
		1914.	1913.	1914.	1913.
*Cast'r Be's	97,439	141,386	915,962	794,298	
*Flaxseed	1,012,459	715,236	7,987,459	5,002,293	
Red clover	6,455	83,306	6,620,350	5,999,050	
Other cl'v'rs	769,610	297,270	22,635,083	13,824,453	
Other					
grasses	3,606,892	1,588,694	20,072,340	24,663,894	
		EXPORTS.			
Clover	63,642	12,545	4,599,127	5,398,249	
Timothy	460,021	661,040	12,210,996	17,115,196	
Other					
grasses	214,439	283,845	4,931,487	8,041,541	
*Flaxseed	81	42	282,436	16,882	
*Bus.					
		EXPORTS OF FOREIGN SEEDS.			
Clover					1,810
Other					
grasses	3,353	900	107,395	106,100	
*Bus.					

From the Seed Trade.

LINCOLN, NEB.—July 15.—The acreage of clover is small, but the crop is in good condition. The acreage of clover, alsike, timothy, and blue grass is also small. Alfalfa acreage is large. We would judge there is only 50 per cent as much saved for seed as last year. The stocks of seed on hand are light.—Griswold Seed Co.

WINGATE, IND., July 18.—In western and northwestern Indiana, the acreage of clover is very small; what little there is is thin on the ground and weak growth. The prospect on last spring's seeding in my own locality is fair. The plants are small and the stand thin. We think with favorable weather through July and August it will improve quite a little and that the acreage will be much larger next year. I know of no timothy in my own or adjoining counties that will be cut for seed; the acreage is small and the crop short; as much as \$15 a ton is being paid for the hay taken from the meadow. Farmers here are becoming much interested in alfalfa and more acreage is being sown this year than all that has been sown in former years. There is a small stock of clover and timothy seed on hand.—John E. Wilson.

WICHITA, KAN., July 20.—Alfalfa acreage, which is being saved for seed is practically nothing when compared with the acreage of 1912 and 1913. The weather has been favorable for producing hay and farmers have been taking advantage of the growth and making hay of it. The past week has been very dry in the southern part of the state, and the third cutting is now beginning to bloom. Should it make a short growth and conditions look favorable for seed it is possible that considerable acreage may be saved from the third cutting for seed. However, this crop will not be harvested and threshed in time for early fall seeding. English blue grass in the southern part of Kansas will turn out about the same crop as last year. Very little old crop alfalfa seed is in the hands of the farmers or dealers. Do not believe that the quantity is as large as is usually in the hands of dealers at this season of the year.—Ross Bros. Seed House.

FALMOUTH, KY., July 17.—No timothy seed, red clover, alsike or alfalfa seed is produced in northern Kentucky. Very little red clover or timothy is raised here any more. Only a small amount of alsike is grown, but that is for hay only. No blue grass seed is saved in this county of any consequence; not over 100 bushels altogether. Just south of us the blue grass seed crop becomes more important and our information is that it was an excellent crop. The only field seed that is harvested here is sweet clover; the biennial sweet clover, white and yellow varieties. The yellow sweet clover seed is now being harvested. The yield and quality are both good; the acreage is about as usual. The white sweet clover seed will be harvested the latter part of this or the first part of next month. Seasonable showers have occurred in the last week which will materially improve the white sweet clover crop. The acreage of white sweet clover is about normal and the yield is expected to be good.—Bokhara Seed Co.

WORLD'S available supply of wheat and flour July 1 was 129,978,000 bus., as reported by the Daily Trade Bulletin, against 167,059,000 June 1, and 158,376,000 bus. a year ago.

Seed Imports of Ireland.

The large exports of grass seeds from the Province of Ulster, amounting in 1912 to 357,225 cwt. (for the whole of Ireland 444,125 cwt., valued at \$1,621,002) are apt to distract attention from the not inconsiderable imports of grass seed into Ireland. So far as can be learned, the south of Ireland exports little if any grass seed, while it consumes large quantities from abroad. The import statistics give but 42,277 cwt. of grass seeds *eo nomine*, valued at \$526,103; but they also include an item of unclassified seeds amounting to 92,495 cwt., valued at \$393,860, which is officially stated to comprehend a proportion of grass seeds. Probably a high share of these imports finds its way to Munster. The large Cork seed houses charter Belfast steamers each year to bring down full cargoes of assorted seeds, of which forage seeds constitute the bulk. Such American seeds as are used here come principally in this manner from their importers in the north of Ireland.

The seed for the perennial rye grass is grown in Scotland (chiefly Ayrshire), the north of Ireland, and to some slight extent in England, and the best quality retails at from \$1.25 to \$1.60 per bu., according to weight. The seed for Italian rye grass is partly obtained from France (Honfleur through Southampton) and partly grown in northeastern Ireland, the foreign stock retailing at about \$1.60 per bu., with the Ulster stock from 30 cents to 50 cents lower. The Irish-grown rye grass seed is said to be purer than the French, but with much lower power for germination.

In connection with all prices stated it should be mentioned that the weights of seeds handled by different seedsmen vary so widely that the average price, for equal intrinsic worth, is very difficult to strike. One large Cork firm states that its perennial rye-grass seed is never under 24 pounds weight per bu. and its Italian never under 20 pounds. The committee for agriculture sets 28 pounds as the ideal standard for grass seeds, and some seedsmen accept this, while others call attention to the possibilities for adulteration, selling their seeds simply on their merit from the standpoint of results season by season.

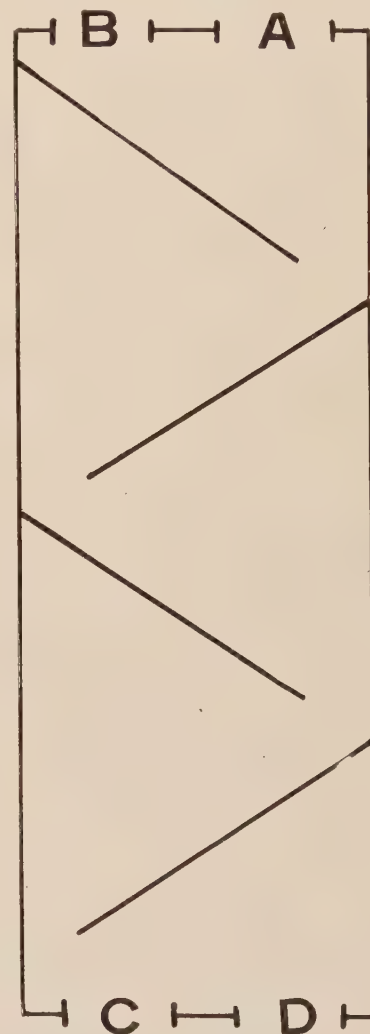
The seed stock for the natural grasses is secured in large proportion from Germany, but supplies are also taken from New Zealand, Canada, and the United States, the latter sending timothy, red clover, and alsike seeds. The retail price is from 20 to 40 cents per pound, according to the nutritive or other values of the variety. From 10 to 12 tons of timothy seed satisfy the Cork market annually, and the quantity of alsike taken is similar. The timothy seed sells to the farmer at 12 to 16 cents per pound, the red clover at 24 cents or more, and the alsike at 28 to 30 cents, these prices being subject to discounts of 2 cents per pound, or in some cases 5 per cent, for cash payments.—U. S. Consul Wesley Frost, Cork, Ireland.

BUCKWHEAT acreage increased in Ontario from 88,266 in 1901 to 228,279 in 1913, the greatest on record. Yields of the different varieties as reported by the Ontario Agricultural College have been 22 bus. for New Calcutta, 22.8 for Silver Hull, 23.2 for Japanese, 24.1 for common grey, and 33.2 bus. for rye buckwheat, per acre. Rye buckwheat is also grown considerably in certain parts of the Maritime Provinces.

Home-Made Grain Purifier and Drier.

Running over grain to keep it from going out of condition can be made several times more effective and with economy of power by employing a grain purifying, cleaning and drying shaft like that shown in the engraving, which is in use at the elevator of the Fowler Grain Co., Fowler, Ind.

This shaft is 60 ft. long and the drop of the grain is broken many times before reaching the bottom and at each deflection a current of cool air is forced thru



Plan of Home-Made Grain Purifier.

the grain. In cross-section the shaft is 4 ft. square. Entering the shaft at A, the grain drops on the perforated shelving and slides from side to side, making its exit at C.

A 30-inch fan running 2,400 revolutions per minute is placed at the bottom of the shaft and forces air in at the opening, D, and up thru the descending column of grain. The strong current of air takes out the musty smell and dust and passes out at A.

Badly bin-burnt oats are first run thru the corn sheller and re-elevated and sent thru this shaft. The total cost does not exceed \$175 and the daily returns frequently exceed the cost.

THE JOURNAL is worth the price. We fully appreciate its usefulness to the trade.—Hightower Grain & Feed Co., by J. N. H., Pine Bluff, Ark.

Grain Trade News

ARKANSAS.

Little Rock, Ark.—The Oklahoma City Mill & Elevator Co. of Oklahoma City, Okla., has been incorporated under the laws of this state for \$40,000. G. W. Yountz will be agt.

CALIFORNIA.

Los Angeles, Cal.—The Capitol Mfg. Co. is building a concrete storage tank addition to its plant.

San Francisco, Cal.—E. W. Newhall has been admitted to membership in the Grain Trade Ass'n of the Chamber of Commerce.

Fresno, Cal.—The Sperry Flour Mills Co. will build an elev. 63x38 ft. and 105 ft. high. The elev. will be of wood covered with galvanized iron and will cost \$15,000. It is the first elev. to be built here.

Los Angeles, Cal.—W. E. Howard was unanimously elected pres. of the Grain Exchange to succeed Geo. H. Martin. Directors elected were J. H. Taylor, D. M. Thomson, Geo. H. Martin, O. H. Morgan, F. S. Coates and W. B. Waterman.

CANADA.

Montreal, Que.—We have gone out of business.—Robinson-Oliver Grain Co.

Calgary, Alta.—Woodward & Co. of Winnipeg have opened a branch office with Philip Wolfe in charge.

Sinclair, Man.—The elev. of the Ogilvie Flour Mills Co. recently burst. Two car loads of wheat were spilled.

Magrath, Alta.—The plant of the Ellison Mill & Elevator Co., containing 20,000 bus. of wheat, burned July 9; loss total; insurance \$30,000.

Fort William, Ont.—Every effort is being made to complete the 1,000,000-bu. addition to the elev. of the Western Terminal Elevator Co., Ltd., by Sept. 15. The Burrell Engineering & Constr. Co. has the contract.

COLORADO.

Ft. Morgan, Colo.—The Farmers Co-operative Co. just quit. Do not think they went into hands of the receivers.—Simpson, sec'y Wagoner Simpson Merc. Co.

Sterling, Colo.—I am vice-pres. and mgr. of the A. E. Phelps Lbr. Co. Mr. Sutherland and I have been operating an elev. under the name of the Logan County Hay & Grain Co., but have lately incorporated it under the name of the Sterling Mfg. Co. and will install a Midget Marvel Mill.—F. S. Warren.

IDAHO.

Ido, Ida.—I have been transferred from Oakesdale, Wash., to the elev. at this station.—F. S. Baer, agt. Interior Warehouse Co.

American Falls, Ida.—We are building an elev. at this station and will handle both sacked and bulk grain. J. T. Doran will be mgr.—Standard Grain Co.

Sweetwater, Ida.—The J. Alexander Co., of Lewiston, is building a warehouse on the branch of the railroad running from Lewiston to Waha.—Peter Muench, agt. J. Alexander Co.

Quigley Sta. (American Falls p. o.), Ida.—We have bot the elev. of the Quigley Grain & Produce Co. and will install machinery for handling both bulk and sacked grain.—Standard Grain Co., American Falls.

Ucon, Ida.—Frank Thomas has resigned as mgr. of the Western Mill & Elevator Co. W. D. Brown has rented a small warehouse and is a track buyer here. We are the only regular operators here.—Gem State Roller Mill & Elevator Co.

Nez Perce, Ida.—L. W. Robinson, prop. of the Nez Perce Roller Mills, has bot the Idaho warehouses of the Kerr-Gifford Co. of Portland, Ore., at the following stations: Grangeville, Fenn, Cottonwood, Lewiston, Stites, Kookia, Greer, Orofino, Kamiah, and Summitt. The Kerr-Gifford Co. retains the warehouse at Vollmer.

ILLINOIS.

Cairo, Ill.—The local elevs. are closing for repairs.

Odell, Ill.—We have succeeded Gulshen & Wolf.—Gulshen & Gordon.

Astoria, Ill.—J. B. Snederker has bot the elev. of the Wm. Bader Estate.

Covell, Ill.—C. U. Bower has purchased an Englehart Spout Holder and Loader.

Aledo, Ill.—I am remodeling my dump and installing a Challenge.—J. T. Heald.

Gridley, Ill.—O. A. Archibald has resigned as mgr. for the Farmers Elevator Co.

Bayle City, Ill.—I have the only elev. here. I repaired it recently.—H. F. Morrison.

Fletcher (Cooksville P. O.), Ill.—The Farmers Elevator Co. has been organized at this station.

Burgess, Ill.—The Center Lbr. Co. has remodeled its dump and installed the Reversible Challenge.

Green Valley, Ill.—The C. & N. W. Ry. Co. is building a switch to the elev. of the Farmers Elevator Co.

Breckenridge, Ill.—The Berry & Breckenridge Farmers Grain Co. has closed its elevs. for 60 days.

Ulin, Ill.—We have just completed and put into operation a new wheat elev. here.—Cairo Mfg. Co., Cairo.

Sadorus, Ill.—Mgr. John Snapp, for the De Long Bros., broke his arm, July 1, while cranking his automobile.

Ancona, Ill.—We have succeeded Miller & Clayton.—C. E. Clayton, sec'y-treas., Ancona Grain & Supply Co.

Gilman, Ill.—The elev. of F. W. Stine & Co. has been completed and will be put into operation in a few days.

Minonk, Ill.—The Farmers Elevator Co. will tear out its oat bins which were recently condemned as unfit for storage.

Stanford, Ill.—The Farmers Elevator Co. has bot the elev. of Keary, Railsback & Co. and now operates 3 houses here.

Ospur sta. (Clinton p. o.), Ill.—W. T. Lane has bot the elev. of J. W. Young at this station and is in possession.

Kirkpatrick (Macomb p. o.), Ill.—Pinkney Fowler has opened his recently completed elev. here. It is on the M. I. & L.

Clinton, Ill.—W. T. Lane has started work on his new elev. which will be built on the site of the house burned June 24.

Risk, Ill.—The office of Oscar H. Statler was damaged by fire July 16, to the extent of \$35. The adjoining elev. was not hurt.

Weeks sta. (Georgetown p. o.), Ill.—We have leased the elev. of W. P. Lewis at this station.—J. W. Crowell & Co., Georgetown.

Dewey sta. (East St. Louis p. o.), Ill.—Farmers in this vicinity are interested in the organization of a company to build an elev.

Kewaunee, Ill.—Work has been started on the new elev. of W. B. Cavanaugh. The house will replace the one burned last winter.

Saybrook, Ill.—The Horner-Outlaw Grain & Coal Co. is installing a grain cleaner in its elev. and making other improvements and repairs.

Evans sta. (Winona p. o.), Ill.—Henry Lesch & Co. of Washburn, have completed an elev. here and will equip it with B. S. Constant machinery.

Litchfield, Ill.—David Davis, receiver for the Litchfield Mill & Elevator Co., has started to buy wheat at this station and at Bethalto, Moro and Dorsey.

Granite City, Ill.—The plant of the Corn Products Refining Co., which has been closed for several weeks, has been reopened and is in operation.

La Rose, Ill.—The recently incorporated La Rose Elevator Co. has succeeded the Davis Grain Co. E. W. Davis is pres., and I am sec'y and mgr.—G. T. Stevenson.

Donnellson, Ill.—The Donnellson Elevator Co. notified its patrons July 15, that after that date it would discontinue all credit business and deal only for cash.

Gifford, Ill.—Gifford Elevator Co. incorporated; capital stock, \$10,000; Geo. W. Gerbert, Mack Cain, John Schluter, Edie J. Sage and John Emkes, incorporators.

Alton, Ill.—The new elev. of the Standard-Tilton Mfg. Co. is under roof and will be in operation before many days. The capacity of the new house is 250,000 bus.

Agnew, (Galt p. o.), Ill.—Farmers Elevator Co. incorporated; capital stock \$5,000; incorporators Chas. D. Metznick, Wm. C. McCue, Walter T. Stern, A. H. Mein and Lord D. Agnew.

Urbana, Ill.—Sec'y S. W. Strong is not suffering from spring halt, altho he is stepping very high. Since July 10 his neighbors call him grandpa. Mother and baby both doing well.

Fairbury, Ill.—S. C. Bartlett & Co. of Peoria, have bot the elev. of Frank Churchill and will put it into operation at once. Mr. Churchill will retire from the grain business after 25 years of service.

Carrollton, Ill.—The Farmers Elevator Co. has secured a site for its new elev., which it is hoped will be completed in time to handle this year's crop. V. P. Lame is sec'y.

Marissa, Ill.—A. J. Meek, pres. of the Meek Mfg. Co. and of the Southern Illinois Millers Ass'n, suffered a stroke of apoplexy, July 14, and for a time was in a serious condition. It is that that he is out of danger at present.

Deer Creek, Ill.—I have resigned as mgr. of the Farmers Grain, Live Stock & Coal Co. and will go to Washington where I will be employed by A. G. Danforth & Co., bankers. H. L. Schmutz of Fremont will succeed me.—A. J. Nafziger.

Delavan, Ill.—J. B. Sowa will assist G. B. Betzleberger in the work of the scale dept. of the Illinois Grain Dealers Ass'n, so as to give prompt attention to the scales of members. The scale com'te has decided to divide the state into 10 districts.

Princeville, Ill.—The Farmers Elevator Co. has leased the 2 elevs. of R. Cox and has retained him as mgr. He will discontinue the grain business on his own account but will operate the lumber business for himself. The farmers now have 3 elevs. here.

East St. Louis, Ill.—The Advance Elevator of the Albers Com's'n Co. of St. Louis, Mo., will be rebuilt at once. A 1,000,000-bu. concrete elev. will be erected on the site of the old house which burned Oct. 10, 1913, with a loss of \$500,000. The new elev. will cost \$350,000.

Grayville, Ill.—R. S. Prunty, Fred Fieber and E. J. Briswalter have leased the elev. of Prunty & Helm for a year. J. J. Helm of the latter firm has retired from active business and will be succeeded as mgr. by Mr. Fieber. The new company will operate as Prunty & Fieber.

Gifford, Ill.—Farmers have organized a company here and at a point 5 miles south of here on the C. & E. I. These are separate organizations. The company here will either buy or build, while the other company will build on a switch it has secured and to which no name has been given yet.—Ludlow Elvtr. Co., Ludlow.

Litchfield, Ill.—David Davis, receiver for the Litchfield Mill & Elvtr. Co., posted two policemen as guards at the elvtr. office, recently, when officers from the state's attorney's office were sent to investigate the conditions at the plant and go over the books. The books, however, will be taken to Chicago, when the federal inquiry begins.

De Kalb, Ill.—Local members of the Illinois Grain Dealers Ass'n held a meeting in the office of Lamson Bros. & Co. in this city, July 15. The new corn grades were thoroughly discussed by the 30 members present and by Sec'y Strong and Mr. Booth. A meeting to which all the farmers of the vicinity will be invited, will be held soon.

Meadows, Ill.—The Meadows Grain & Coal Co. has bot the East Elvtr. of Harrison Bros. and I have bot the West Elvtr. from them. This house has been used by them exclusively for oats, but I am having it remodeled and will have room for 15,000 bus. of corn and 50,000 bus. of oats. Will use motor power. I will also handle coal.—R. L. Rathbun.

Venice, Ill.—The old elvtr. of the Albers Com's'n Co., St. Louis, Mo., is being wrecked. The old house has seen 37 years of service, having been built in 1877 by the C. & A. Ry. Co. When it was built it stood on the river bank, but sand bars formed and the elvtr. is now a considerable distance from the water. In 1896 it was partially wrecked by a tornado but was rebuilt. A 1,000,000-bu. concrete house with the latest equipment to be completed by Oct. 1 will be built on the site.

Kane, Ill.—The recently incorporated Farmers Grain Co. has let contract to the Decatur Const. Co. for a 32x32x50 ft. cribbed elvtr., office 12x24 and a concrete engine house. The equipment will include a 4-ton Fairbanks Wagon Scale, 25-h.p. Fairbanks Kerosene Engine, 2,000-bu. Richardson Automatic Scale, Western Sheller, cleaner, manlift and 2 stands of elvtrs. 7x7x14. The buildings will be covered with galvanized steel siding and roofed with Johns-Manville Asbestos Roofing.

Mason City, Ill.—The elvtr. of J. A. McCreery & Son, containing 10,000 bus. of wheat, was partially destroyed by fire, at 3:30 p. m., July 10. Prompt and efficient work saved the house altho one end of the building is badly burned and most of the grain damaged. The blaze was due to the combination of a spark from a passing C. & A. engine and a shingle roof. The loss on the building will amount to \$2,000 and on the grain to \$1,750, both losses are covered by insurance. The elvtr. was known as the Hubbard Elvtr.

Delavan, Ill.—The rebuilding of the elvtr. of W. J. Culbertson, which was damaged by fire May 24, is almost finished. The driveway has been rebuilt and new dumps put in. New legs and boots have been installed. The house has been thoroly overhauled and further additions and repairs will not be made until after the present crop has been handled. Then the upper part of the elvtr. will be rebuilt and the cupola raised. The power plant will also be moved to a new site south of the elvtr.

Decatur, Ill.—The Illinois Grain Dealers Ass'n will hold a meeting in conjunction with the crop improvement com'te of the Council of Grain Exchanges, in this city Aug. 11, and one at Bloomington Aug. 15. The ass'n will not take part in any of the other meetings so far listed by the crop improvement com'te, but may take part in later meetings if the interest and the attendance of the grain dealers at these two meetings warrants the continuance of the work. The meetings are to be known as sectional grain schools. The new corn grades will be discussed.

Cerro Gordo, Ill.—Fire originating in the cob bin damaged our elvtr., July 10. Looks as tho sparrows had carried a lighted straw into the bin and dropped it. Heroic work by our volunteer fire dept. who appeared promptly on the scene put out the flames with a damage to building of less than \$200. About 12,000 bus. of wheat was in the elvtr. and some feed and seeds. Damage to this was about \$50 by water. Work was resumed in about an hour after the fire broke out as it had not interfered with the machinery or bins in the main building. Loss is fully covered by insurance and adjustment has been made.—F. S. Betz, mgr., Cerro Gordo Grain & Coal Co.

CHICAGO NOTES.

C. Strasser is now a member of the cash grain force of McKenna & Rodgers.

J. C. Kelly, of Lstant, is now on the road for the W. C. Cowen Com's'n Co.

Hales Elvtr. Co. incorporated; capital stock \$150,000; Earl C. Hales, Wm. S. Hales, C. W. Hohenadel, incorporators.

Noyes & Jackson have opened a cash grain dept. in connection with their future business and have placed F. H. Price in charge.

CHICAGO CALLERS: D. W. Osborn, Oshkosh, Wis.; S. W. Strong, sec'y Illinois Grain Dealers Ass'n, Urbana, Ill.; H. A. Plumb, sec'y Chamber of Commerce, Milwaukee, Wis.

J. L. Ever is now representing Walter Fitch & Co. on the road in central and southern Illinois. Mr. Eyer is the son of Mgr. J. A. Eyer of the Farmers Elvtr. Co. of Mendota.

Robert Straub, who has been ass't to H. P. Mulhall, representative for the Armour Grain Co. on the New York Produce Exchange, has been transferred to the Chicago office of the company.

Fellow members of the Board of Trade reminded Ex-Pres. Ed. Andrew that he had a birthday, July 9. A huge bouquet of American Beauties was presented to him by Sec'y J. C. F. Merrill. Mr. Andrew was 56 years old.

H. F. Hanks, who has been connected with the sampling dept. of the Board of Trade for some time, has resigned and will go to Duluth, Minn., where he will have a similar position with the inspection dept. of the Duluth exchange.

John H. Norris has applied for membership in the Board of Trade. Major C. Holroyd, E. W. Jacob and Ben'j H. Ettelson have been admitted to membership. The certificates of Wm. N. Ferguson, Octave A. Bruso, E. P. Tawney and Chas. W. Cooper have been posted for transfer.

J. S. Brown, gen. frt. agt. of the I. C. Ry. Co., has been appointed to succeed E. B. Boyd as traffic mgr. of the Board of Trade, Mr. Boyd having tendered his resignation to become effective Aug. 1. Mr. Brown is regarded as one of the best posted and ablest traffic expert in the country.

On July 20 the state grain inspection dept. reported 2,271 cars inspected in one day, 1,827 of which were wheat. This sets the record for a day's work in the dept. A new record for wheat receipts was set on July 16, when 1,153 cars were received in one day, totaling 1,250,000 bus. From July 1 to July 17, there was an increase of 3,059 cars over receipts for the corresponding period of 1913.

July 15 members of the Board of Trade voted on an amendment to the rules which makes railroad receipts for grain uniform and good collateral at the banks. This applies to the rule making grain in cars deliverable on contracts during the last 3 days of the month. The rule will be construed by the officers as in no sense retroactive in its application. In view of outstanding contracts covering grain now or soon to be in transit, the officers have fixed Aug. 1 as the date when the rule as amended will become operative. The amendment was adopted by a majority vote of 366.

Corn in the Armour Elevator "C" is becoming out of condition. Notification was given the Board of Trade July 18 by Pres. G. E. Marcy, of the Armour Elevator Co., and Pres. C. H. Canby posted notice July 20 that the certificates designated would no longer be a good tender on contracts for No. 2. One parcel of 407 bus. was taken into store Dec. 19, 1913, and 39 certificates are outstanding, issued at various dates from Mar. 19 to Apr. 17. Most of these receipts call for 5,000 bus. each, making a total of about 175,000 bus. To assist the unfortunate holders of these certificates Pres. Marcy of the elevator company made a statement that "This corn was winter shelled and stored during the winter and spring months and should have been removed prior to this time of year. We feel that if it is removed promptly it can be disposed of with practically no loss; and if the holders of the receipts will take the matter up with us at once we will cooperate with them in every possible way."

PEORIA LETTER.

Peoria, Ill.—Wm. Stultzman, with C. H. Feltman, is receiving congratulations. He was recently married and the "boys" are all giving him advice.

Peoria, Ill.—Ware & Leland of Chicago have closed their branch office in this city and have called Mgr. Cunningham to the head office. F. W. Arnold & Co. and Jas. E. Bennett & Co. will occupy the former offices of the company.

Nick Kagel, 16 years old, was arrested July 17, charged with trespassing on the property of the Iowa Elvtr. Co. The company has been losing grain from cars in its yards for some time and believes that Kagel, who is a leader of a gang of boys who hang around that vicinity, is responsible for some of the losses.

Peoria, Ill.—P. B. Miles, of P. B. & C. C. Miles, will take a long vacation after 30 years of service in the grain trade at this market. Mr. Miles has retired for at least a year and may make the retirement permanent if he learns to like the "simple life." He will be greatly missed by his friends and associates on the Board of Trade where he has been a fixture for so long. It is said that Mr. Miles may accept the nomination for Mayor of the city. He has already served one term in that office.

INDIANA.

Sims, Ind.—A. W. Haycock has installed a Constant Manlift.

Chrisney, Ind.—The Cadick Mfg. Co. has had its scales thorly overhauled.

Wheatfield, Ind.—The new elvtr. of Geo. D. Stempel has been completed.

Washington, Ind.—We have succeeded Walker & Norris.—Norris & Kidwell.

Star City, Ind.—Thos. L. Reed, of T. L. Reed & Co., died July 8 at the age of 61.

Staser, Ind.—I am figuring on installing a blower for loading wheat into cars.—Fred Niederhaus.

Hortonville, Ind.—The elvtr. of F. T. Hinshaw & Son has been completed. The house cost \$10,000.

Greencastle, Ind.—W. T. Besser is installing a new dump and building a 5,000-bu. addition to his elvtr.

Williamsport, Ind.—Jones Bros. have bot the elvtr. operated by the Miller Grain Co. Milton Kaister is mgr.

Richmond, Ind.—I have installed a Fairbanks Automatic Scale, 22 ft. long and 15 tons capacity.—Omer G. Whelan.

Crawfordsville, Ind.—Mrs. B. F. Crabbs, wife of the vice-pres. of the Crabbs Reynolds Taylor Co., died recently.

Laketon, Ind.—The Farmers Grain Co. has let contract for the repairs on its elvtr. to the Burrell Engineering & Constr. Co.

Valpariso, Ind.—McMahan Bros. incorporated to deal in grain; capital stock, \$10,000; incorporators, Willis, Zenas and Berte D. McMahan.

Greenfield, Ind.—Benton L. Barrett is out of the grain business. He was formerly connected with the Barrett Elvtr. Co. and the Greenfield Mlg. Co.

Quinn, (Union Center p. o.), Ind.—B. J. Holser of Walkerton, Ind., has let contract to W. S. Moore for improvements in the elvtr. at this station.

Fox sta. (La Fontaine p. o.), Ind.—Martin & Miller have rebuilt their elvtr. The Union Iron Works furnished the machinery and the Reliance Const. Co. did the work.

Kentland, Ind.—We have succeeded Benedict & Co., having traded our plant at Chase for their plant here. We formerly operated at Chase as the Chase Grain Co. and now operate here as the Kentland Grain Co.—K. G. Co.

Chase, Ind.—We disposed of our Kentland Elvtr. to W. F. Starz & Co. and have purchased the one owned by them at this station. We will operate as the Chase Grain Co. W. M. Harmon and myself are owners. I will be mgr.—E. A. Benedict.

Medaryville, Ind.—C. E. Robinson retired from Guild & Robinson, July 1, and that company has been re-organized and will operate as James R. Guild & Co. Geo. M. Guild and Albert Reep will be associated with James R. Guild in the new company.

Whitestown, Ind.—Our elvtr. at this station burned on the night of July 14, the fire starting in the cob house and spreading to the elvtr. which contained considerable feed and grain. The loss amounted to \$30,000 and is covered by insurance. We will rebuild at once.—Chas. N. Clark, agt. Jenkins & Cohee.

INDIANAPOLIS LETTER.

Jordan & Scholl have added two new tracks, one for grain, capacity 25 cars, and one for hay. They can handle 50 cars in and out in a 16-hour day. They have also installed a new Invincible Cleaner of the largest style, of 5,000-bu. per hour capacity. Their hay warehouse has a capacity of about 20 cars.

At the regular monthly meeting of the Board of Trade the appointment of the following com'tes for the ensuing year was made: Grain arbitration, Edward D. Evans, chairman; Edgar H. Evans and F. M. Montgomery. Grain discount, Frank A. Witt, chairman; Harvey Mullins, George H. Evans, Horace E. Kinney and E. K. Shepherd. Grain inspection appeals, Charles A. Shotwell, chairman; W. B. Wells, Fred W. School, O. V. Rouse and W. L. Mercer. Bert A. Boyd, well known grain man, was elected a member of the governing com'tee.—M.

IOWA.

Britt, Ia.—Harry Mullin has built a new approach to his elvtr.

Brayton, Ia.—The Emil Rothschild Co. is building an addition to its elvtr.

Pierson, Iowa.—The Farmers Elvtr. Co. has installed a Challenge Dump.

Audubon, Ia.—The Johnson Grain Co. is contemplating the erection of a new elvtr.

Keosauqua, Ia.—E. E. Van Zant has bot the grain and feed business of C. P. Whitney.

Marathon, Ia.—Dewolf & Wells. have purchased an Englehart Spout Holder and Loader.

Santiago, Ia.—The elvtr. of I. S. Battles will be completed as soon as the machinery is installed.

Lewis, Ia.—Chas. Armstrong is now general utility man at the elvtr. of W. F. Shindley.

Lanesboro, Ia.—Albert Lovett has succeeded Henry Wetter as mgr. for the Farmers Elvtr. Co.

Badger, Ia.—After 7 years service El. H. Thompson has resigned as mgr. for the Farmers Elvtr. Co.

Soldier, Ia.—Albert Steiger, who recently bot the elvtr. of J. T. Johnson, has moved his family to this city.

Odebolt, Ia.—W. P. Adams has thoroly overhauled his elvtr. and installed a Fairbanks Morse Engine.

Fort Dodge, Ia.—The Quaker Oats Co. has closed its plant for two weeks for repairs that will cost \$12,000.

Gilbert Sta., Ia.—The Gilbert Grain Co. has installed a new dust collector and made other improvements in its elvtr.

St. Charles, Ia.—The elvtr. of Smith & Son is being remodeled. A grain elvtr. and a gasoline engine will be installed.

Grinnell, Ia.—Wm. Ahrens, ass't mgr. and bookkeeper for the Farmers Elvtr. Co., has succeeded C. N. Ogden as mgr.

Raleigh, Ia.—G. A. Skewis has wrecked his elvtr. which was recently blown over by a cyclone. He will not rebuild it.

East Morningside, (Sioux City p. o.), Ia.—D. C. Mossman & Co. has bot the elvtr. of the Morningside Elvtr. & Coal Co.

Montezuma, Ia.—The King-Reed Lbr. Co. is remodeling its garage into a grain office building and will install wagon scales.

Glidden, Ia.—The Glidden Farmers Elvtr. Co. has remodeled its dumps and installed two sets of The Reversible Challenge.

Paton, Ia.—The W. H. Hubbard Grain Co. is building a concrete office which will be north of the elvtr. and about 10 ft. from it.

Blairsburg, Ia.—The Farmers Elvtr. Co. recently elected Frank Burcham, pres.; J. Cartney, vice-pres., and W. C. Baker, treas.

Modale, Ia.—We are making a number of improvements and are building a warehouse.—W. M. Sharpnack, Sharpnack & Co.

Bagley, Ia.—No Mr. Block is employed by us as has been reported and I am still mgr.—E. C. Phipps, mgr. H. W. Pollack & Co.

Rock Rapids, Ia.—The elvtr. of the St. John Grain Co. will be remodeled and the office recently burned, will probably be rebuilt.

Clear Lake, Ia.—Mgr. Wesson of the Western Elvtr. Co. is building a home here and will move his family to this point.

Prairieburg, Ia.—We are building an up-to-date elvtr., the equipment to include an automatic scale.—Roy Fisher, mgr. Prairieburg Lbr. Co.

Leland, Ia.—We have decided not to buy an elvtr. but have let contract for a 15,000-bu. house, to be completed Sept. 1.—Farmers Elvtr. Co.

Lamont, Ia.—I sold my elvtr. at this point to W. C. Flack and I am out of the grain business. I am now located at Fern, Neb.—E. W. Clements.

Hospers, Ia.—The Button Elvtr. Co., of Sheldon, has leased the elvtr. of the St. John Grain Co. for 3 years and will take possession Aug. 1.

Lake City, Ia.—At the annual meeting of the Farmers Elvtr. Co. F. E. Hamilton was elected pres.; Louis Obye, vice-pres., and J. N. Freeman, sec'y.

Hubbard, Ia.—I have decided to remain with the Pfund Lbr. Co. and will not go to Callander as mgr. for Wright & McWhinney.—B. P. Greenfield.

Stonega sta. (Webster City p. o.), Ia.—The Home Elvtr. Co. will build another warehouse and will also erect a new house for Mgr. W. F. Maywald.

Emmetsburg, Ia.—I am now in charge of the elvtr. of the Farmers Elvtr. Co. here.—T. Berryman, formerly mgr. for Farmers Elvtr. & Supply Co., Orchard.

Mapleton, Ia.—I have been transferred as mgr. for the Neola Elvtr. Co. to the elvtr. of the company at this station.—H. B. Johnson, formerly mgr. at Rodney.

Stennett, Ia.—Good & Son are overhauling their elvtr. and installing a new leg and an automatic scale. The equipment was furnished by the American Supply Co.

Harold, Ia.—Wm. Gleason who recently purchased the elvtr. of the Granger Elvtr. Co. at Granger has also bot the elvtr. of that company at this point.—J. C. Smith, mgr. for Wm. Gleason at Granger.

Ft. Dodge, Ia.—Isaac Bird, formerly mgr. of the Farmers Elvtr. Co. at Moorland, will be mgr. for the local Farmers Elvtr. Co. when it opens its new elvtr. about Aug. 1.

Jolly, Ia.—At the recent annual meeting of the Farmers Elvtr. Co. the following officers were elected: Frank Wilson, pres.; Ed. Harvey, sec'y, and J. E. Nutter, treas.

Tracy, Ia.—The elvtr. of Holgate & Lyman has been raised 14 ft., resided and braced with heavy timbers. It has also been painted and has a new 5-ft. sign on the side.

Rodney, Ia.—A. B. Doolittle, of Lytton, Ia., has succeeded me as mgr. for the Neola Elvtr. Co., and I have been transferred to the company's house at Mapleton.—H. B. Johnson.

Callender, Ia.—I have decided to remain with the Pfund Lbr. Co. at Hubbard and will not take charge of the Wright & McWhinney Elvtr. here as reported.—B. P. Greenfield.

Palmer, Ia.—Chas. Weigert was elected pres. of the Farmers Inc. Co-operative Society at the recent annual meeting. Other officers elected were P. Anderson, vice-pres., and W. H. Westphal, sec'y.

Mason City, Ia.—E. W. Wagner & Co., of Chicago, have opened a branch office in the 1st Natl. Bank Bldg. B. L. Nutting, traveling representative of the company, will be in charge until the mgr. arrives.

Bagley, Ia.—While working on a dump in the elvtr. of the Neola Elvtr. Co., Mgr. Geo. Woodring was severely hurt, when the door fell on his head and cut a gash that required several stitches to sew up.

Pacific Junction, Ia.—Winifred Scott, mgr. of the Nebraska-Iowa Grain Co., was injured in the elvtr. a few days ago and died July 20 in the hospital at Council Bluffs, from blood poisoning as a result of his injuries.

Des Moines, Ia.—Geo. A. Wells was re-appointed secretary of the Western Grain Dealers Ass'n at the directors' annual meeting July 14. C. V. Cox was appointed attorney for the ass'n, which will establish a legal dept.

Richards, Ia.—The Richards Elvtr. Co. is installing an automatic scale and manlift and making other improvements.—We will generally overhaul our house and make repairs at an early date.—J. F. Wilson, agt. Quaker Oats Co.

Northwood, Ia.—The elvtr. of the Farmers Elvtr. Co. will be closed for repairs for the next three or four weeks. L. A. Seelman, mgr., has announced that the company will handle shelled corn only during the shut down.

Weldon, Ia.—We have built 5 new elvtrs. this season and all of them are nearly completed. They have a capacity of 15,000 bus. each. The houses are at this station, Le Roy, Grand River, Van Wert and Beaconsfield.—A. Hoover, agt. O. A. Talbott Co.

Dedham, Ia.—The railroad company recently changed its route so that it now runs half a mile from town. The Farmers Grain, Stock & Lbr. Co. has just completed a new elvtr. on the railroad, which will be operated in connection with the elvtr. in town.

Grand Mound, Ia.—The elvtr. of John Miller was struck by lightning at noon, July 16, and burned to the ground; loss \$10,000. The elvtr. was filled to capacity with grain. It was owned by John Buhman but operated by Mr. Miller. The insurance will amount to \$4,000.

Sioux City, Ia.—The Flanley Grain Co. incorporated; capital stock \$50,000; Chas. C. Flanley, Chas. W. Adams and Theo. A. Peterson, incorporators. The officers of the company are Chas. Flanley, pres. and gen. mgr., Chas. Adams, vice-pres., and T. E. Peterson, sec'y-treas.

Maurice, Ia.—We have let contract for a cribbed annex, 20x24x30 ft., to Younglove Construction Co., which will add 10,000 bus. to our storage capacity. We will also remodel and improve our elvtr. and put in a Fairbanks' Automatic Scale.—D. Van der Berg, mgr. Farmers Elvtr. Co.

Center Point, Ia.—A horse belonging to one of the patrons of the Farmers Elevtr. Co., was recently killed at the elvtr. of the company when it backed into the pit, breaking a blood vessel. The end of the wagon had been let down when the horse became frightened and started to back, the weight of the load pulling him down.

Holstein, Ia.—Work has been started on our 50,000-bu. concrete elvtr. at this station. We own all the elvtrs. here, having bot the elvtr. of the Trans-Mississippi Grain Co. a few years ago. We will probably use motors for power, but will have the elvtr. constructed so that both gas and electricity can be used. The Burrell Engineering & Constr. Co. has the contract. —A. Grones, mgr. Farmers Elevtr. Co.

Goldfield, Ia.—The Farmers Elevtr. Co. will tear down its old flat house and build an addition to its elvtr. Other improvements will also be made. D. H. Keith is mgr. The elvtr. was threatened with destruction by fire, July 16, when its coal sheds caught fire and burned. Three freight cars were destroyed and only the fact that the wind was blowing away from the elvtr. saved it. The loss amounted to \$1,200, fully covered by insurance.

Estherville, Ia.—The elvtr. of F. M. Jones & Co., containing several thousand bus. of grain, burned at 10 a. m., July 10. The machinery had been shut down a few minutes before the fire was discovered to repair a broken belt. A grain solicitor who was in the building noticed the fire which when discovered seemed to fill the whole interior of the elvtr. It is thot that a hot box in the machinery ignited the chaff and dust in the elvtr. The loss is \$10,000 on the building and \$2,000 on the grain. The insurance on the building was \$6,000 and the grain is fully covered. The company have not decided as to building and may buy the elvtr. of the Western Elevtr. Co. here.

Sioux City, Ia.—The elvtr. of the Mystic Mlg. Co., containing 30,000 bus. of grain, burned at noon, July 13, the loss amounting to \$115,000, with \$55,000 insurance on the building and a small amount on the grain. The elvtr. was built a few years ago by the business men of this market when the city began its fight for grain rates and was known as the Terminal Elevtr. It cost \$110,000. The Mystic company recently purchased it and had just completed extensive repairs and additions. The fire was discovered at the top of the elvtr. by a workman, and spread thru the house with such rapidity that he barely escaped with his life. Three cars of grain on a side track also burned. The fire, reaching to other property, caused a total loss of \$160,000. The company will build a 500,000-bu. concrete elvtr. on the site of the burned house as soon as the debris can be cleared away. The new elvtr. will cost at least \$100,000.

KANSAS.

Kingman, Kan.—Farmers are organizing an elvtr. company.

Sherwin, Kan.—Jas. A. Zimmerman is erecting a grain elvtr.

Fairview, Kan.—E. C. Geiger is now mgr. for the Farmers Elevtr. Co.

Copeland, Kan.—C. D. Jennings has installed an Avery Automatic Scale.

Elyria, Kan.—D. S. Voth has succeeded Emmett All as mgr. for Colburn Bros.

Trent sta. (Erie p. o.), Kan.—Johnson & Son are building an elvtr. at this point.

Weir, Kan.—I will move my mill and build an elvtr. in connection with it.—Jas. Bates.

Cimarron, Kan.—J. B. English has purchased an Englehart Spout Holder and Loader.

Ray, Kan.—The Farmers Grain & Supply Co. is now in operation with Mr. Durant as mgr.

Emporia, Kan.—The Emporia Elevtr. & Feeding Co. incorporated; capital stock, \$30,000.

Clifton, Kan.—The new 20,000-bu. elvtr. of the Farmers Union is rapidly nearing completion.

Portis, Kan.—The Farmers Co-operative Ass'n has bot the elvtr. of W. C. Smith. J. H. McDowell is mgr.

Norton, Kan.—The Rock Island Elevtr. Co. has succeeded the Home Grain Co.—Johnson Grain & Coal Co.

Page, Kan.—I intend to build a small elvtr. probably from 5,000 to 7,000 bus. capacity.—A. C. Ward.

Protection, Kan.—L. B. Hale has bot the West Elevtr. of the Stevens-Scott Grain Co. of Wichita and will be mgr.

Vineland, Kan.—We have succeeded the Star Grain & Lbr. Co.—E. E. Hagerman, mgr. Vineland Co-operative Co.

Assaria, Kan.—The new elvtr. of the Farmers Elevtr. Co. has been completed and will be put into operation at once.

Hanson, Kan.—The Farmers Elevtr. Co. has let contract to the Burrell Engineering & Constr. Co. for a 10,000-bu. elvtr.

Strickler (Iuka p. o.), Kan.—The elvtrs. of C. Clark and the Kansas Mlg. Co., at this station, have been completed.

Burlington, Kan.—Earl C. and A. C. Moses have bot the interest of their partner, R. W. Arndt, in the Excelsior Mills.

Lindsey, Kan.—The Farmers Elevtr. Co. has torn down its old elvtr. and started work on a new house on the same site.

Ft. Scott, Kan.—The Kansas Flour Mills Co. has bot the plant of the Goodlander Mlg. Co. and will put it into operation at once.

Hudson, Kan.—Chas. Duff will be mgr. of the new plant of the Stafford County Flour Mills Co., which will be opened Aug. 1.

Cedar Vale, Kan.—Our alfalfa mill burned down and we will not rebuild it. We handle very little grain.—L. C. Adams Merc. Co.

Pretty Prairie, Kan.—The Kansas Flour Mills Co. is operating the plant formerly owned by the Eagle Mlg. Co.—Collingwood & Krehbeil.

Gray (Pittsburg p. o.), Kan.—The Farmers Elevtr. Co. has let contract to the Burrell Engineering & Constr. Co. for a 10,000-bu. elvtr.

Seneca, Kan.—There has been some reports of the Farmers Union operating an elvtr. here, but there is nothing to it so far.—E. M. Collins.

Tonganoxie, Kan.—Louis Kuncie, the 18-year-old son of Mgr. H. L. Kuncie of the Kemper Mill & Elevtr. Co., died recently from appendicitis.

Wakeeney, Kan.—We have overhauled our elvtr. machinery and are now in shape to handle a much larger amount of wheat.—The Hardman Lbr. Co.

Highland, Kan.—A. L. Wynkoop has bot the elvtrs. of the John Lynds Mill & Elevtr. Co. at this station, Marcell (Highland p. o.), and Ratcliffe (Moray p. o.).

St. John, Kan.—The 3 tanks we have built have a capacity of 100,000 bus. instead of 200,000 as reported. They are 30x50 ft.—St. John Mill.

Winfield, Kan.—I have sold my interest in the Baden-Vilm Mlg. Co. and have severed all connections with that firm.—N. M. Vilm, pres. Howard Mill Co., Wichita.

Reager sta. (Norton p. o.), Kan.—Emery Gay, W. Dalsby and H. S. Hickman are building a 17,000-bu. elvtr. on a siding of the C. B. & Q., 11 miles west of here.

Larned, Kan.—The report that the name of our firm has been changed is incorrect, as there is no change in the firm name.—E. Row, mgr. The Pawnee County Grain & Supply Co.

Calista, Kan.—We have completed the installation of a Richardson Automatic Scale and manlift and have rebuilt our dumps. We have also erected new coal bins and a granary which is a much needed improvement.—W. R. Clark, mgr. Calista Grain & Merc. Co.

Leavenworth, Kan.—Wm. Johnson, employed in the plant of the Lysle Mlg. Co., recently lost his footing on a ladder and fell into the machinery below him, sustaining a badly crushed hand.

Hutchinson, Kan.—W. F. Rogers has been appointed ass't deputy grain inspector at this market, the receipts having proved too heavy for Deputy Ralph Russell to handle alone, there being an average of 100 cars of new wheat daily.

Solomon Rapids, Kan.—Since the Farmers Union has leased our two elvtrs. here we will retire from the grain business for a while at least, but will continue the lumber business of the company.—The Johnson-Thierolf Merc. Co.

Zurich, Kan.—O. E. Gray, of Culver, has opened the elvtr. of the Shellabarger Mill & Elevtr. Co., which has been closed since the sudden disappearance of former Mgr. E. L. Wentworth whose books when audited showed a deficit of \$3,000. Mr. Gray will be mgr. for this season.

Grinnell, Kan.—R. E. Tenny is to be mgr. for the Shellabarger Mill & Elevtr. Co.—The Farmers Union has ordered a wagon dump and will load direct into cars, but the Shellabarger people and ourselves are the only regular dealers here operating elvtrs.—Borah & Beougher.

Leavenworth, Kan.—Wm. McDonald, for many years supt. for the J. C. Lysle Mlg. Co., is slowly recovering from the effects of a serious operation. He was taken suddenly ill while attending the recent convention in Buffalo and his many friends will be glad to hear he has been pronounced out of danger.

Agenda, Kan.—Clarence Moore employed in the local elvtr. recently caught his hand in the machinery. His arm was drawn in and both hand and arm were so badly crushed that amputation just below the elbow was necessary. He was oiling the gearing at the time of the accident and had not shut off the power.

Grantville, Kan.—The elvtr. of the Chas. A. Geiger Grain Co., known as the Union Pacific Elevtr., containing 925 bus. of wheat, burned at 2 a. m., July 5; loss on elvtr. \$5,000, insurance \$4,000; loss on grain \$600, insurance \$1,000. The fire started near the ground at the corner of the elvtr. and is thot to have been due to tramps. A freight train crew discovered the blaze, but nothing could be done to save the building. The house will be rebuilt at once.

Coldwater, Kan.—The report that Geo. Young and myself are building an elvtr. here is only partly true. We are not building elvtrs. at Coldwater, but Mr. Young has erected a house on his farm, 12 miles from the nearest shipping point, and I have built one on my farm, 10 miles from a shipping point. Our elvtrs. have a capacity of 10,000 bus. each and are equipped with wagon dump and elvtr. machinery complete. We are not, however, in the grain trade.—A. A. Ward.

Coffeyville, Kan.—The Perry N. Allin Grain Co. of this city and the Mead Grain Co. of Ft. Scott have equipped the Kemper Elevtr. with electricity and will operate it under the name of the Allin-Mead Grain Co., with Mr. Allin in charge. The elvtr. is equipped with two 80,000-bu. hopper scales with self-registering beams, placing the company in position to furnish official state weights and grades. It will also operate Mr. Allin's line of grain stations which are located in the best red oats and red wheat section of Kansas.

Topeka, Kan.—The following have been admitted to membership in the Kansas Grain Dealers Ass'n: Coleman & Artman, Denison, Kan.; W. H. Beatty, Concordia; Farmers Union, Grain & Supply Ass'n, Courtland; Casebier Elevtr. Co., McLouth; John Hartley, Minneapolis; Eany Kelly, Vine; Farmers Elevtr. & Merc. Co., Lindsey; Charles Burlie, Bluff City; J. E. Wilcox, Bancroft; Haviland Equity Ass'n, Haviland; J. E. Kirk, Protection; Farmers Grain & L. S. Co., Ellis, Neb.; C. P. Carrigan, Doniphan Station, Kan.; C. N. Congleton, Viola; Phillips Grain Co., Smyrna (Superior p. o.), Neb.; Len E. Dye, Fostoria,

Kan.; J. B. English, Cimarron; F. J. Bunemeyer, Deshler, Neb.; J. H. Best, Monrovia, Kan.; Gardner & Vicker, Liberal; C. N. Hane, Broughton; John Botts, Scandia; G. W. Myers & Son, Sabetha.—E. J. Smiley, sec'y.

Plains, Kan.—The new elvtr. of the Plains Equity Exchange is being completed and it will be an ideal plant. It is 30x34x36 ft. to square with a 14 ft. drive thru the main building and service bins overhead. The pit is roomy and is of concrete, extending 24 ft. below the work floor. The equipment includes an Invincible Cleaner on the work floor, 2 pair high roller mills on landing above, 25-h.p. engine, 1,500-bu. Richardson Automatic Scale and 6-ton Fairbanks Wagon Scale. The line shaft is a direct drive from the engine and extends thru the bins, but is securely incased in a metal pipe and supported at bearings which eliminates the fire hazard of wood housing. The power house is 12x16x10 ft. and is 10 ft. from the elvtr. A 20x50x12 ft. frame iron clad, metal roof warehouse is 10 ft. from the engine room; 12 ft. in this building has been partitioned off for an office. The elvtr. is so constructed that it takes a low rate of insurance. J. R. Bryan is mgr.

WICHITA LETTER.

D. Brooks has been added to the working force of the Kansas Flour Mills Co. He was formerly with Wallingford Bros.

Leonard Bell has been promoted to the management of the branch office of Wallingford Bros. in Galveston, Tex. He has been in the local offices for the past two years.

J. E. Howard, who recently sold his interest in the Howard Mills Co., recently suffered a stroke of paralysis while out riding and is in a serious condition at his home here.

The Kansas Flour Mills Co. on July 7 filed a bond for \$100,000 with the state sec'y, and requested that 6 of its elvtrs. be declared public warehouses. The elvtrs. are at Pratt, Anthony, Enterprise, Kingman, Great Bend and Kansas City. The action of the milling company is considered a victory for the state grain inspection dept.

KENTUCKY.

Corydon, Ky.—The Corydon Mlg. Co. will build a 30,000-bu. elvtr. and increase the capacity of its mill.

LOUISIANA.

New Orleans, La.—The I. C. Ry. Co. is repairing elvtrs. "E" and "D" and has installed a 300 ft., 40 in. conveyor belt, and concrete floors.

New Orleans, La.—Work is progressing rapidly on the new marine conveyor at the Westwego Elvtrs. of the T. & P. Ry. Co. Six oil burning boilers will also be added to their equipment.

MARYLAND.

Baltimore, Md.—Stude, Purnell & Co. are building an office on Municipal Pier No. 5, and will handle their consignments by boat thru it.

Mt. Airy, Md.—Kline Bros. have bot an interest in the Farmers Mlg. & Grain Co. of this city. H. A. Kline will be mgr. of the new plant of the company, which is now under construction.

Baltimore, Md.—Henry Neser, for 30 years employed by Geo. A. Hax & Co., died July 16 of acute indigestion. Mr. Neser had been a member of the Chamber of Commerce for 28 years and his sudden death was a great shock to his friends and fellow members. He was in his office until 6 o'clock on the 15th and seemed in the best of health.

MICHIGAN

Hamburg, Mich.—E. A. Kuhn has bot the elvtr. of J. J. Watkins.

McCords, Mich.—The elvtr. of F. S. Thomas is nearly completed.—Jay S. Ellis.

Fremont, Mich.—The plant of the Darling Mlg. Co., burned May 8, will not be rebuilt.

Copemish, Mich.—Chas. Bigelow is scoop shoveling at this station.—Copemish Bean & Grain Co.

Rudyard, Mich.—I am enlarging my present quarters and will install a cleaner.—R. J. Forgrave.

Bradley sta. (Akron p. o.), Mich.—Farmers are interested in the organization of an elvtr. company.

Lansing, Mich.—Young Bros. & Daley have increased their capital stock from \$15,000 to \$20,000.

Linwood, Mich.—The Pinconning Elvtr. Co., of Pinconning, has leased the elvtr. of the Linwood Elvtr. Co.

Owosso, Mich.—C. F. Dawson and H. A. Crooke of Indianapolis, Ind., have bot the plant of the Owosso Mlg. Co.

Parma, Mich.—We have completed repairs on our elvtr. and will engage in the grain and bean business.—Parma Merc. Co.

Copemish, Mich.—The Copemish Bean & Grain Co. has succeeded Geo. E. Wolf, prop. of the Copemish Roller Mills.—B. J. Miller.

Fremont, Mich.—We have enlarged our feed dept. and elvtr., overhauled our power plant and fixed the plant up generally.—Wolters Bros. prop. Fremont Mills.

St. Johns, Mich.—Chas. Sprague has let the contract for the rebuilding of his old elvtr. and for the building of a new 20,000-bu. elvtr. to the Burrell Engineering & Const. Co.

Snover, Mich.—The elvtr. of the Snover Grain Co. is nearly completed. I have the material on the ground for a 15,000-bu. elvtr. which I expect to complete by Sept. 1.—Leslie Millan.

Montrose, Mich.—John Haven and others have bot suit for \$3,700 against the Montrose Elvtr. Co., the plaintiffs alleging that the seed corn bot of the elvtr. company was not as represented.

Freeland, Mich.—The People's Grain Co. will rebuild its old elvtr. and has also let the contract for the building of a new 15,000-bu. elvtr. The Burrell Eng. & Const. Co. has the contract.

Traverse City, Mich.—We are installing a complete new line of cleaning machinery, bolters and purifiers, automatic scales, new packers in fact everything found in a modern up to date mill. When completed we expect to have as complete a mill as can be found anywhere.—Hannah & Lay Co.

Britton, Mich.—We are building a 30x32x75 ft. addition to our elvtr. which will give us a total capacity of 30,000 bus., the new addition being of 20,000 bus. capacity. We will install electric motors and will cover the building with galvanized iron siding and roofing. We expect to have it completed by Aug. 1.—Walper & Dreher.

MINNESOTA.

Morton, Minn.—Farmers will organize to build an elvtr.

Deer Creek, Minn.—F. C. Rector has bot the elvtr. of the local elvtr.

Atkin, Minn.—The elvtr. of the Tucker-MacGregor Co. is nearly completed.

Canton, Minn.—The Farmers Elvtr. Co. will probably sell or lease its elvtr.

Easton, Minn.—The Farmers Elvtr. Co. has bot the elvtr. of the Easton Grain Co.

Staples, Minn.—The mill of Fred Albrecht & Sons burned recently. The elvtr. was saved.

Cokato, Minn.—The Farmers Elvtr. Co. has installed an Englehart Spout Holder and Loader.

Elkton, Minn.—I own both elvtrs. here and am repairing both of them.—G. W. Eastman, per C. K.

Holloway, Minn.—C. M. Jorguson of Wilmont, S. D., has bot the elvtr. of the Wintter-Truesdell-Ames Co.

Marshall, Minn.—The plant of the Marshall Mlg. Co. was damaged by fire to the extent of \$50, July 21.

Rothsay, Minn.—We have repaired our elvtr. and put it in first-class shape.—G. E. Faulson, mgr. Farmers Grain & Merc. Co.

Freeborn, Minn.—A. C. Johnson, formerly agt. for W. Z. Sharp at Letcher, S. D., is now mgr. for the Hunting Elvtr. Co.

Northrup, Minn.—The C. S. Christensen Co., of Madelia, has bot the elvtr. of E. W. Christianson. The company now has 7 elvtrs.

Barnesville, Minn.—The Duluth Elvtr. Co. will build an elvtr. at this point.—W. C. Smith, gen. supt. Monarch Elvtr. Co., Minneapolis.

Lismore, Minn.—Chas. Kinney, formerly mgr. for Grieg & Zeeman at Swea City, Ia., has been transferred to the elvtr. of the company at this point.

Pratt, Minn.—Wm. Degner has built an 18x28 ft. elvtr. on his farm near this city, for the storage of his grain. The house is operated by gasoline power.

Crookston, Minn.—I have resigned as sec'y of the Farmers Elvtr. Co. Mrs. J. A. Hughes has succeeded me and I am now at Hurdsville, N. D.—J. A. Axtell.

Westport, Minn.—John Hines has succeeded me as agt. for the Gt. Western Grain Co.—J. W. Brenner, now agt. for the Andrews Grain Co., Oriska, N. D.

Luverne, Minn.—O. F. Tollefson, formerly mgr. of the Farmers Elvtr. Co. at Hardwick, has succeeded Sam Foight as mgr. of the Farmers Elvtr. Co. at this point.

Tintah, Minn.—The Farmers Elvtr. Co. is installing two new elvtr. legs, boot, pans and a dump scale and is making repairs thruout the elvtr. Hickcock Construction Co. is doing the work.

Triumph, Minn.—The recently organized Farmers Elvtr. Co. has bot one of the elvtrs. of Kreogg & Johnson. Our officers are J. Helrig, pres.; Harry Sheppard, sec'y, and myself mgr.—James Meehan.

North Branch, Minn.—We will install another dust collector and another roll on the rye mill. We will also make some changes in the arrangement of the machinery.—North Branch Mlg. Co.

Comfrey, Minn.—August Klein was elected pres. of the Farmers Elvtr. Co. at the recent annual meeting. Other officers are J. Leisenfeld, vice-pres.; B. Elsing, treas., and C. A. Anderson, sec'y.

Duluth, Minn.—Wm. W. Bradbury, mgr. for Wm. Dalrymple, was recently threatened with a serious case of blood poisoning, as a result of a hornet's sting. He has fully recovered and is again on 'change.

Pennock, Minn.—I have succeeded C. B. Norgren as mgr. for the Farmers Elvtr. Co. We are reshingling, residing and painting the house.—A. I. Floren, formerly agt. National Elvtr. Co., McCanna, N. D.

Worthington, Minn.—We expect to build a 30,000-bu. elvtr. and a 32x24 ft. warehouse, both to be metal clad. We will also build additional coal bins and corn cribs.—T. C. Ager, mgr. Farmers Co-operative Co.

Duluth, Minn.—W. D. Jones, mgr. for the Hallett & Carey Co., was married July 8 to Miss Sarah Irvine of this city. The honeymoon will be spent in an automobile, Mr. Jones and his bride being "speed" devotees.

Hardwick, Minn.—H. T. Halverson has succeeded O. T. Tollefson as mgr. for the Farmers Elvtr. Co. Recently elected officers of the company are P. T. Petersen, pres.; J. P. Kennedy, vice-pres.; A. Hauger, treas., and O. H. Gravatt, sec'y.

St. Paul, Minn.—The elvtr. of Jameson, Hevener & Griggs was completely gutted by fire, July 16; loss, \$50,000; covered by insurance. The house contained 30,000 bus. of grain and seeds. The fire started in a box car and spread to the elvtr.

Hayward, Minn.—The following officers were elected at the recent annual meeting of the Farmers Elevator Co.: S. I. Tufte, pres.; C. Lindahl, vice-pres.; R. E. Dewey, sec'y, and J. J. Hove, treas. P. J. Fibelstad will be mgr. for another year.

Winthrop, Minn.—I have succeeded H. L. Licklyett as mgr. for the Gt. Western Grain Co. Mr. Licklyett succeeded C. E. Peterson as mgr. for the Farmers Elevator Co. and Mr. Peterson now leases the elevator of C. A. Malmquist, for whom I was mgr.—Carl Hagg.

Rushmore, Minn.—The recently incorporated Rushmore Grain Co. has bot the elevator of the Pacific Elevator Co. and will build a new office and corn cribs. Officers of the company are A. G. Thom, pres.; F. L. Humiston, vice-pres.; S. E. St. John, sec'y-treas.

Oklee sta. (Lambert p. o.), Minn.—Mgr. Clare Hall, of the Farmers Elevator Co., was recently the happy recipient of a present of \$100 in cash and a raise of \$300 per year in salary as a token of the approval of the company in his work and the selection of a wife. He was recently married.

Hawley, Minn.—We will install a cleaner in our elevator. We have handled our business in a conservative manner, holding strictly to list prices all the time, which has enabled us to pay dividends every year and add some to the surplus fund also.—J. Fridlund, mgr. Farmers Elevator Co.

Norwood, Minn.—We are satisfied that the fire which destroyed our elevator, June 26, was caused by a drunken man who went to sleep on our driveway while smoking a pipe. The loss on the house amounts to \$16,700, on contents \$900. Insurance on elevator \$13,000, loss on grain fully covered. We will rebuild the elevator.—Reliance Elevator Co., Minneapolis.

Willmar, Minn.—The Willmar Farmers Elevator Co. is building a 30,000-bu. cribbed elevator to be completed and handling grain within the next four weeks. John Sandis will be mgr. The house will be equipped with 2 elevator legs, a No. 60 Marquis Cleaner, 100-bu. per hour hopper scale, a 9x18 feed mill and two 15-h.p. engines. D. F. Hoag & Co. have the contract.

Campbell, Minn.—The Farmers Elevator Co. is building a 25,000-bu. annex to its elevator and making extensive repairs on the old house. The new machinery to be added will consist of a steel tank, No. 60 Marquis Cleaner, 15-h.p. engine, motor drive, and dump scale. A new concrete slab foundation will be placed under the building. The Hickok Construction Co. has the contract.

Duluth, Minn.—A. D. Thomson, Jr., son of A. D. Thomson, who has been critically ill at his home in Raton, N. Mex., was taken to Kansas City on a special train chartered by his father when news of his son's illness reached Duluth, and an operation performed. The young man rallied well and is thot to be out of danger. Mr. Thomson, Sr., will bring him home as soon as possible.

MINNEAPOLIS LETTER.

Louis N. Renner and Chas. D. White were recently admitted to membership in the Chamber of Commerce.

John W. Owen, with H. L. Hankinson & Co., Duluth, has applied for membership in the Chamber of Commerce.

C. E. Cline, who has been in the wheat dept. of the Sheffield-King Mfg. Co. for a number of years, was recently married to Miss Rosalie Bertheau.

The Abbey Grain Co. incorporated; capital stock, \$50,000; Lee M. Abbey, pres., and Fred Schmitt, sec'y-treas., officers and incorporators. Mr. Abbey was formerly with E. L. Welch & Co.

The foundations for the 125,000-bu. tank addition to the Electric Steel Elevator Co.'s plant have been completed and work on the super-structure will be rushed. The addition consists of 5 tanks which will give the company a total of 4,000,000 bus. capacity, making it the largest single terminal in the west. The work is to be completed Nov. 1.

A request has been posted on the Chamber of Commerce, by the gen. supt. of the M. & St. L. R. R., asking the co-operation of grain firms and shippers in the conservation of cars. Since July 1, the railroad company has had an order in force limiting the use of cars beyond its own rails and has been accumulating a supply for the crop movement.

The excavations for the new 2,000,000-bu. concrete tank elevator of the Pillsbury Flour Mills have been finished and work on the foundations is being rushed. The elevator will consist of 40 re-inforced concrete tanks, 21 ft. in diameter and 100 ft. high with intermediate tanks between them. The new house will cost \$225,000 and is to be completed by Oct. 1. The Barnett & Record Co. has the contract.

W. H. Norton, of the Gillfillan-Remond Co., one of the youngest members of the Chamber of Commerce, died at a local hospital, July 10, of diabetes. Mr. Norton had been ill for some time but his death was a shock to his friends and fellow members on 'change. He had been in the grain trade for the last 8 years and was only 31 years old. He is survived by his widow and two small children.

The Chamber of Commerce has granted traveling men's licenses to the following: Jos. J. Schmidt to represent the McKindly Grain Co., A. D. Guthrie to represent C. C. Wyman & Co., John C. Haugen to represent H. L. Hankinson & Co., Abraham Rothschild to represent the Merchants' Elevator Co., E. O. Dilling to represent the Van Dusen-Harrington Co., M. J. Sheehan to represent Woodward & Co., and Thos. J. Terhune to represent Atwood-Larson Co. The following have applied for licenses: J. C. Miller to represent Fraser-Smith Co., Chas. L. Gange to represent H. Poehler Co., R. E. Reiland to represent the Standard Grain Co., C. B. Nuppen to represent Benson-Newhouse-Stabeck Co., J. H. Lee to represent the Northern Grain Com'n Co., H. H. Minthorn and William Waldron to represent E. S. Woodworth & Co., George Rau to represent the Merchants' Elevator Co. and J. E. Ruddy to represent the P. B. Mann Co.

MISSOURI.

Green Ridge, Mo.—Rayburn & Withers have sold their elevator at this station.

Stark City, Mo.—We have overhauled our elevator.—Robt. L. Harris, agt. Neosha Mfg. Co.

Carthage, Mo.—The elevator recently built at Galesburg Switch near here, is now in operation.

Bigelow, Mo.—The Bigelow Grain Co. has succeeded the John Lynds Mill & Elevator Co. and is operating the elevator here.

Truesdale, Mo.—I bot the grain business of Landwehr Bros. and took possession June 24.—A. E. Klingenberg, prop. Truesdale Grain Elevator.

Blackwater, Mo.—H. G. Fray and M. Amis of Marshall have rented our house here this year and will operate under the name of H. G. Fray.—Boonville Elevator Co., Boonville.

KANSAS CITY LETTER.

Chas. G. Smith, of Hutchinson, is representing the Kemper Grain Co. on the road in Southern Kansas.

A. C. Davis Grain Co. incorporated; capital stock, \$20,000; incorporators, A. C. Davis, pres.; N. G. Hoover, sec'y-treas.; H. J. Dffenbaugh.

I have opened an office in the Board of Trade Bldg. for the transaction of future com's'n business, and have installed a private wire of Thomson & McKinnon in it. For the last six years I have been a member of the firm of H. H. Steele & Co.—Wm. G. Dilts, Jr.

The recently defeated amendment to the reinspection rules of the Board of Trade, has again been posted for ballot. The vote will be taken July 27 and it is thot that it will be adopted, as it failed to pass by only 9 votes. The amendment provides a 5-day limit on reinspections.

I. A. Mabry, formerly with the Crouch-Mabry Grain Co. and the Moore-Seaver Grain Co., of Fort Worth, Tex., is now with the Simonds-Shields Grain Co. and will make his headquarters in Oklahoma.

The elevator of the Kaw Mfg. Co., containing 8,000 bus. of old wheat, burned at 11 a. m., July 12; loss on building \$4,000, on grain \$7,000. Several loaded cars were pulled to safety after the blaze started altho they were scorched. The fire started in the center of the elevator and gained considerable headway before discovered. The C. & A. Ry. Co., owners of the elevator, will replace it with a 250,000-bu. concrete house, to be completed by Nov. 1.

A complaint to the effect that the Baltimore Com'n Co., with offices in the New York Life Bldg., is operating a "bucket shop" has been filed in the federal court and an injunction to restrain the company from using quotations of the Chicago Board of Trade has been requested. The petition alleges the quotations are illicitly obtained and charges that the company runs a bucket shop and that its patrons sometimes gamble on the quotations. Dwight M. Duncan is pres. of the defendant company.

Chief Inspector A. R. Ware, of the Board of Trade, has issued the yearly report of the inspection dept. of the exchange, for the year ending Dec. 31, 1913. The report shows that 9,449 cars of wheat were inspected on track and 5,446 at elevators, making a total of 14,895 cars handled. Reinspections were asked on 271 cars and the original inspection was sustained on 181. Of the 90 cars changed, 36 were graded higher and 54 lower. Of the latter 28 were due to the uneven loading of the cars. Of the 5,446 cars of corn inspected, reinspection was called for on 103. Of these the inspection was sustained on 66, twenty-one being graded higher and 16 lower. Grades were changed on 5 cars because they were unevenly loaded, on 6 on account of moisture test and on 23 on account of track rules. The total moisture tests taken were 3,884; 2,122 being in December alone. Since Dec. 1, the tests have reached 20,000. Nine hundred cars of oats were inspected, 20 being re-inspected, and the grade sustained on 19, one car being graded lower than the original grade. The total number of cars inspected, including those of kafir corn, was 23,430, of which only 75, or .3% of 1% were changed to a lower grade.

ST. LOUIS LETTER.

The C. H. Albers Com's'n Co. has increased its capital stock from \$50,000 to \$150,000.

The new 135,000-bu. elevator of the Geo. P. Plant Mfg. Co. is nearly completed and will be put into operation at an early date.

The regulations governing the St. Louis market for grain to arrive are published in full elsewhere in this number of the Journal.

The creditors of Connor Bros. have been notified by Walter D. Coles, referee in bankruptcy, that the first dividend of 5% has been declared.

John E. Hall, of the John E. Hall Com's'n Co., has been unable to withstand the "call of the floor" and is again on 'change after several years' retirement from active business.

The Graham & Martin Grain Co. has increased its capital stock from \$15,000 to \$50,000. Thos. K. Martin is pres. There will be no change in the officers of the company.

An appropriation of \$203,000 has been made for the good roads fund of the state by the state auditor. Twenty-eight thousand dollars of the money was derived from the sale of future delivery stamps and \$5,000 of this amount will be used in the vicinity of St. Louis.

The following have been admitted to membership in the Merchants Exchange: Harry S. Newman, M. A. Bright, H. L. Nickel, Culver L. Hastedt, Milton E. Venninga. Memberships transferred are: M. W. Cochrane, Harry Temple, W. A. S. Parkhurst, Wm. F. Richardson, W. H. Oberbeck.—Eugene Smith, sec'y.

MONTANA.

Amsterdam (Manhattan p. o.), Mont.—A Minneapolis company is building an elvtr. here.

Box Elder, Mont.—Cowan & Son will build a 30,000-bu. elvtr. here as soon as the material arrives.

Fowler, Mont.—The St. Anthony & Dakota Elvtr. Co. is building an elvtr. here.—J. E. Helms, Concord.

Great Falls, Mont.—The Rocky Mountain Elvtr. Co. is building 30,000-bu. elvtrs. at Fowler, Loma, Havre and Portage.

Belmont, Mont.—The Farmers Elvtr. Co. will build a 30,000-bu. elvtr. at once.—W. B. Woodman, mgr. Rocky Mountain Elvtr. Co.

Lakeside, Mont.—The elvtr. of the Farmers Elvtr. Co. has been closed for the summer.—J. C. Sullivan, formerly agt., now at Culbertson.

Danvers, Mont.—J. C. Smith is agt. for the Western Grain & Lbr. Co. and I am agt. for the Gallatin Valley Mlg. Co.—James Chittick.

Bond sta. (Dillon p. o.), Mont.—Contract has been let to L. Buege for an elvtr. at this point, 6 miles north of Dillon.—Beaverhead Grain Co.

Willsall, Mont.—W. F. Giese, formerly mgr. for the Farmers Elvtr. Co., at Doland, S. D., has bot an elvtr. here and will operate it himself.

Saco, Mont.—The St. Anthony & Dakota Elvtr. Co. has bot the elvtr. at this station and the one at Beaverton, from the Cullen Elvtr. Co.

Ravalli, Mont.—The Beckwith Mercantile Co. of St. Ignatius, is building an elvtr. here. The machinery and equipment will be furnished by the American Supply Co.

Denton, Mont.—Work will be started at once on the elvtr. of the Security Elvtr. Co. by Napper & Persson, who have the contract. This will make 4 elvtrs. at this point.

Glendive, Mont.—The Farmers Grain Co. elected the following officers at its recent annual meeting, C. F. Rainey, pres.; Andrew Larson, vice-pres., and E. C. Leonard, sec'y-treas.

Three Forks, Mont.—John and Thos. Gribben of Lanesboro, who recently bot the Fleming Elvtr., will operate as the Gribben Grain Co., with T. A. Harschbarger, formerly mgr. for Mr. Fleming, in charge.

Concord, Mont.—The Johnson Grain Co. has been reorganized. Ashford Lock is sec'y-treas. and Mr. Finkenbinder is mgr. A. D. Johnson is going to engage in the com's'n business on his own account at Great Falls.—J. E. Helms.

Hedgesville, Mont.—Our officers are H. I. Giltman, pres.; L. Weber, vice-pres.; J. I. Donald, sec'y-treas. J. K. Walsh, formerly mgr. for the Rocky Mountain Elvtr. Co., is mgr. for the new company, which has bot the Rocky Mountain house.—J. I. Donald.

Comer Siding (no p. o.), Mont.—The Oustad Grain Co. is building a 25,000-bu. galvanized sheet iron elvtr. at this station. The house will be finished by the middle of September and will be equipped with a 6-ton dump scale, 60-bu. hopper scale and Fairbanks Engine. D. F. Hoag & Co. have the contract.

Shepherd (no p. o.), Mont.—A 40,000-bu. elvtr. is being built at this station by the Occident Elvtr. Co. The new house will be one of the most western of the company and will be of the same general design as the others. It is located in a heavy grain yielding section. T. E. Ibberson has the contract.

Raymond (no p. o.), Mont.—The elvtr. of the Woodworth Elvtr. Co. is nearly completed and will be ready for business in a few days. The house is up-to-date in every way and has a capacity of 25,000 bus. The house is built from the material of the company's elvtr. at Bowbells, N. D., which was wrecked. T. E. Ibberson has done the work.

Culbertson, Mont.—I am now engaged with the Montana & Dakota Grain Co. here.—J. C. Sullivan, formerly agt. Farmers Elvtr. Co., Lakeside.

NEBRASKA.

Cook, Neb.—L. A. Hanks has sold his elvtr. and lbr. yards.

Minden, Neb.—The Minden Mlg. Co. will install an oil engine.

Verona, Neb.—The Farmers Union Ass'n is repairing its elvtr.

Hardy, Neb.—Roy Pecht is now mgr. for the Farmers Elvtr. Co.

Wilsonville, Neb.—S. A. Austin has built an addition to his elvtr.

Waverly, Neb.—J. N. Adams has bot the elvtr. of F. A. Roehl.

Broken Bow, Neb.—T. Taylor of Sargent will be mgr. of the local elvtr.

Tobias, Neb.—The W. T. Barstow Grain Co. has leased the North Elvtr.

Grafton, Neb.—Tom Purcell is now mgr. for the Hynes Grain Co. at this point.

Goehner, Neb.—The Updike Grain Co. has opened its elvtr. with S. M. Graff as mgr.

Wauneta, Neb.—The Shannon Grain Co. will build a 5,000-bu. addition to its elvtr.

Indianola, Neb.—W. H. Harrison of Tyn-dall, S. D., is now mgr. for a local elvtr.

Dixon, Neb.—Wm. Reising has succeeded Frank Hopkins as mgr. of the Atlas Elvtr. Co.

Oxford, Neb.—The Farmers Equity Union has leased the elvtr. of P. H. Gupton for a year.

Western, Neb.—The Farmers Elvtr. Ass'n has bot the West Elvtr. owned by Black Bros.

Martell, Neb.—M. Bell has been added to the working force at the elvtr. of S. S. Griffin.

Oak, Neb.—Chas. Washington is now working at the elvtr. of the Nye-Schneider Fowler Co.

Deshler, Neb.—The Farmers Elvtr. Co. has installed an Englehart Spout Holder and Loader.

Mead, Neb.—Bland Johnson is now working at the elvtr. of the Farmers Union Elvtr. Ass'n.

Daykin, Neb.—The South Elvtr., operated by the Lincoln Grain Co., turned to the ground recently.

Alda, Neb.—The elvtr. of the Trans-Mississippi Grain Co. has been overhauled.—S. MacMurray.

Shelton, Neb.—I am now agt. for the Trans-Mississippi Grain Co. at this station.—J. K. Simpson.

Bartley, Neb.—Paul Reimer, formerly agt. Ed. E. Smith, is now in charge of an elvtr. at Atwood, Kan.

Boelus, Neb.—The elvtr. of the T. B. Hord Grain Co. is being repaired and overhauled for the fall crops.

Belden, Neb.—Wm. Reising, formerly agt. for the Anchor Grain Co., is now mgr. for the Atlas Elvtr. Co. at Dixon.

Falls City, Neb.—P. S. Heacock, pres. of P. S. Heacock & Son, is slowly recovering from a long and tedious illness.

Ceresco, Neb.—O. F. Hines, who recently bot the Farmers Elvtr., will manage it himself. He is now in possession.

Arapahoe, Neb.—The Hynes Elvtr. Co. has taken over the elvtr. of the Updike Co. here. F. C. Carpenter is mgr.

Abbott, Neb.—W. W. Gallup is mgr. for the Abbott Lbr. & Grain Co.—G. E. Cannon, mgr. Omaha Elvtr. Co., Alda.

Beaver City, Neb.—W. C. Bratt is now mgr. for the Farmers Business Ass'n.—C. E. Coffey, mgr. Central Granaries Co.

Columbus, Neb.—Ernest Jaeggi, with the Elvtr. Roller Mills, was married July 8 to Miss Julia Hendrick of Grand Island.

Koler sta. (Heartwell p. o.), Neb.—The Hynes Grain Co. has opened its elvtr. at this station with John Hoover as mgr.

Riverdale, Neb.—The recently incorporated Farmers Elvtr. Co. has leased one of the local elvtrs. and is in possession.

Trenton, Neb.—Clark Marsh is now mgr. of the East Elvtr. which has been leased by the Trenton Equity Exchange for 2 years.

Stockham, Neb.—S. H. Riker has resigned as mgr. for the Farmers Elvtr. Co. but will remain with the company until Sept. 1.

Minden, Neb.—The Koehler-Twidale Elvtr. Co. is covering its elvtr. with iron. M. E. Blanchard is now with the company.

Newmarch (Hastings p. o.), Neb.—We have sold our elvtr. here to the Moritz Lbr. & Grain Co. of Prosser.—Verona Grain & Lbr. Co.

Gurley sta. (Dalton p. o.), Neb.—The Van Wickle Grain & Lbr. Co. is installing a wagon scale furnished by the American Supply Co.

Arcadia, Neb.—"Tommy" Thompson has succeeded Roy Clark as our agt. at this station.—Leo Wilsey, sec'y Wilsey Grain Co., Lincoln.

Clay Center, Neb.—We are repairing the North Elvtr., putting in concrete bottom and new dumps.—A. J. Janovy, agt. E. Stockham.

Tobias, Neb.—The Farmers Society of Equity may make arrangements to have the Lincoln Grain Co. handle its grain thru its elvtr.

David City, Neb.—Farmers are interested in the organization of an elvtr. company. J. Poe and G. C. Dohling are working on the proposition.

Glenwood Park (Kearney p. o.), Neb.—The Glenwood Grange has leased the elvtr. of the Trans-Mississippi Grain Co. and has installed new scales.

Sumner, Neb.—I am now agt. for the Trans-Mississippi Grain Co. at this station. The elvtr. of the Omaha Elvtr. Co. is closed.—E. A. Ericson.

Buda, Neb.—We have bot the elvtr. of E. D. Gould at this station and will open it at once.—D. Phillips, pres. Farmers Grain Co., Pleasanton.

Mead, Neb.—Henry Hanson has succeeded me as mgr. for the Trans-Mississippi Grain Co. at this point.—E. A. Ericson, agt. for same company at Sumner.

Norfolk, Neb.—The basement of the new elvtr. of the Norfolk Cereal & Flour Mills Co., has been completed and work on the superstructure will be rushed.

Funk, Neb.—Wm. Bruce has bot the elvtr. of the Foster Grain Co. and will be ready for business in about 30 days.—E. B. Person, agt. J. W. Anderson.

Scribner, Neb.—Louis Schmidt, agt. for the Crowell Lbr. & Grain Co. at Cornlea, has succeeded the late Sam'l A. Beachtold here with the same company.

Malcolm, Neb.—The Foster Grain Co. is again operating the local elvtr., the lease of the Van Winkle Grain & Lbr. Co. having expired. L. L. Otterman is mgr.

Rosemont, Neb.—J. A. Taylor, who recently sold his elvtr. at Lawrence is now mgr. for the Chicago Lbr. Co. here.—Thos. Sirrs, mgr. Koehler-Twidale Elvtr. Co.

Org, Neb.—We will build additional coal sheds and corn cribs, and will repair the office and elvtr., probably painting the buildings.—T. C. Ager, mgr. Farmers Co-operative Co.

Rising City, Neb.—The Dawson Grain Co. of Linwood has bot the elvtr. of the Trans-Mississippi Grain Co. C. B. Barker is agt. I am agt. for the Updike Grain Co.—J. C. Perry.

Spalding, Neb.—A. J. Cook, mgr. for the T. B. Hord Grain Co., will succeed M. W. Burchell with the Farmers Elvtr. Co. and J. O. Gardner will succeed Mr. Cook with the Hord company. Mr. Burchell has resigned.

Albion, Neb.—Chas. D. Phelps is now mgr. for the Nye-Schneider-Fowler Co., successor to A. C. Bosserman, who managed this station for 9 years, and has been transferred to Hastings.

North Bend, Neb.—The North Bend Mlg. Co. is installing a Fairbanks scale on a concrete foundation, a steel and concrete grain dump, and a receiving elvtr. leg. Other improvements will also be made.

Schuyler, Neb.—Chas. F. Divorah, bookkeeper for the Wells-Abbott-Nieman Co., was drowned recently while swimming in the Platte River. He is survived by his widow and four small children.

Gothenburg, Neb.—We have just bot the Electric Roller Mills and are remodeling the plant, which has been idle for 2 years. Will renovate it inside and out. The firm consists of Geo. H. Wilkins and myself.—L. L. Carroll.

Leigh, Neb.—The local Farmers Union has bot the elvtr. of the Crowell Lbr. & Grain Co. and will take possession about Aug. 1. The elvtr. will be operated as the Farmers Merc. Co. P. N. Glandt is pres.; J. Sucha, vice-pres., and Fred Dasenbrock, sec'y-treas. of the company.

Broken Bow, Neb.—A. G. Hahn, owner of the Broken Bow Mlg. Co., accidentally shot himself while cleaning a gun recently, and died from the effects of the wound. The plant here was leased to Jones & Taylor before his death and they will continue to operate it. Mr. Hahn lived in Sioux Falls, S. D.

Stratton, Neb.—We incorporated July 1 under the name of the O'Donnell Grain Co. and have taken over the interest of the O'Donnell-Kellogg Grain Co., with elvtrs. in Nebraska and Colorado, and John O'Donnell & Sons. Our officers are John O'Donnell, pres.; P. M. O'Donnell, sec'y, and W. A. O'Donnell, treas. We are buying grain at the following stations: Stratton, Neb.; Max, Neb.; Hudson, Colo.; Keenseburg, Colo.; Roggen, Colo.; Wiggins, Colo.; Iliff, Colo.; Padroni, Colo.—F. J. O'Donnell, O'Donnell Grain Co.

OMAHA LETTER.

Chas. Tyner, head bookkeeper for the Cavers Elvtr. Co., died recently from the effects of an operation for appendicitis.

Miss Charlotte Hendricksen, who has been seriously ill for some time, is again at her desk, as cashier of the Grain Exchange.

The Doane-Sears Co. has been incorporated and offices are in the Brandeis Bldg. N. S. C. Sears is pres. and Z. K. Doane, sec'y-treas. of the company.

The Albers & Pollock Com'n Co. has been admitted to membership in the Grain Exchange and has opened offices in the Brandeis Bldg. O. H. Gibbs, formerly mgr. of the local branch office of the McCaul-Dinsmore Co., which was recently closed, is mgr.

The decision of Judge Crawford, disallowing the claims of Lawrence D. Spaulding and the Saunders-Westrand Elvtr. Co. for \$132,303.72 from the estate of the late Wm. C. Saunders, has been carried to the higher courts. Mr. Saunders, who died suddenly a year ago, was the surviving member of Sunderland & Saunders, Mr. Sunderland having died a few years previously. Mr. Spaulding, who is sec'y of the Omaha Safe Deposit Co., bases his claim of \$9,213 on the fact that that amount was due him from Sunderland & Saunders thru an assignment by the Saunders-Westrand Co. of all claims and book accounts which included the debt. The elvtr. company claims \$123,090.72, which it alleges, is money transferred to Sunderland & Saunders from the Saunders-Westrand Elvtr. Co., by Sherman Saunders before his death.

NEW ENGLAND.

Buckfield, Me.—E. D. Heald & Son have bot the plant of the Buckfield Grain Co.

Randolph, Mass.—The Buck Grain Co. incorporated; capital stock, \$5,000; C. F. French, pres.; F. N. French, treas. Other incorporators are C. F. and H. F. French.

Boston, Mass.—Officers of the recently incorporated firm of the E. C. Howlett Co. are E. C. Howlett, pres.; F. A. Lamb, treas. A. D. Radley is also interested in the company.

Natick, Mass.—J. W. Doon & Sons Co. incorporated to deal in grain, hay, etc.; capital stock \$25,000; Jas. W. Doon, pres.; A. J. Doon, treas. A. J. B. Doon is also an incorporator.

Salem, Mass.—C. A. Ketchum & Co. Inc., incorporated; capital stock \$10,000; Chas. A. and Carrie A. Ketchum and Ellis M. Andrews incorporators. This company recently lost its elvtr. in the Salem fire.

Fitchburg, Mass.—We bought a shipment of Argentine corn from Thos. Ronald & Co. and must say that it is the nicest corn we have seen this year, in fact we do not remember ever receiving any better corn.—The F. F. Woodward Co. Evidently it is not necessary to use a pickaxe to remove Argentine corn from a car.

NEW YORK.

Rochester, N. Y.—Arthur E. Pratt has bot the plant of the Knickerbocker Mlg. Co. and will remodel it.

Manhattan, N. Y.—F. Williams, Inc., incorporated to do a com'n and brokerage business in grain, hay and straw; capital stock, \$100,000; F. Williams, incorporator.

New York, N. Y.—E. R. Carhart has succeeded Ed. C. Rice, deceased, as treas. of the Produce Exchange. Mr. Carhart is well known, having served 2 terms as pres. of the exchange.

Jamestown, N. Y.—The Skans Mlg. Co. has been incorporated to engage in the retail business here. While our stockholders are interested in it, there is no connection between the two firms.—D. H. Grandin, pres. D. H. Grandin Mlg. Co.

New York, N. Y.—The estate of Edward C. Rice, treas. of the Produce Exchange, for 26 years, who died June 26, has been scheduled and shows \$200,000 in personal property and \$55,000 in realty. The entire property was willed by Mr. Rice to his wife who, however, died in 1910, and it will now be divided between his 3 sons.

Buffalo, N. Y.—The trouble that the Buffalo Harbor Land Co. is having with squatters on the land near the harbor front which is wanted for an elvtr. site, will probably delay the building of the elvtr. so much that work will not be started this year. The company is also having trouble in securing a switch to the site. J. Tallman Budd is an active member of the land company.

Amityville, N. Y.—The fire in our building, June 15, started about 2 p. m., and was probably due to the carelessness of boys who were smoking cigarettes outside of the hay warehouse. The buildings were damaged to the amount of \$1,500 and the stock to \$2,500. I will rebuild, putting up a frame building and covering it with corrugated iron. We have no elvtr., handling all our grain sacked from the large elvtr. in New York City.—R. J. Ireland.

Lodi, N. Y.—I have purchased here a building 25x80 ft., two stories high with basement, formerly used as a store. I expect to equip this for handling beans chiefly, putting in three stands of elvtrs. and one of the best mills for cleaning beans I can buy. Also a gas or kerosene engine. I will equip it with picking machines, and expect to make it an up to date bean elvtr. Will also handle flour and feed and some merchandise at that point.—E. G. Porter, Caywood.

Brookport, N. Y.—William Dailey has just completed a large addition to his elvtr. which doubles the capacity of his grain and bean storage. His complete elvtr. equipment is now large enough to store 70,000 bus. of grain or beans. The whole plant is up-to-date in every way, all the machines being run by individual motors. Complete machinery has been installed for cleaning and preparing for market grain and beans. The intake capacity is 600 bus. per hour and in the bean plant the capacity is 250 bars every 16 hours.

New York, N. Y.—Leo H. Wistuba will succeed Robert Straub as chief ass't of H. P. Mulhall who represents the Armour Grain Co. at this market. Mr. Straub has been transferred to the Chicago office of the company.

NORTH DAKOTA.

Finley, N. D.—J. W. Comer is now mgr. of the Farmers Elvtr. Co.

McVie, N. D.—I am now agt. for the National Elvtr. Co.—B. O. Berthenson.

Jamestown, N. D.—The Star Elvtr. Co. will build a number of new houses this season.

Monango, N. D.—A farmers elvtr. company is being organized here and an elvtr. will be built.

Rawson (Alexander p. o.), N. D.—Work has been started on the elvtr. of the Farmers Elvtr. Co.

Thompson, N. D.—The Farmers Elvtr. Co. has installed an Englehart Spout Holder and Loader.

Ross, N. D.—Geo. H. Melbye is interested in the organization of a farmers elvtr. company here.

Klose's Spur. (Sidney p. o.), N. D.—The Star Elvtr. Co. of Jamestown will build a 40,000-bu. elvtr. here.

Voss, N. D.—John Peterka is now in possession of the elvtr. he recently bot of the Farmers Elvtr. Co.

Burlington, N. D.—T. A. Hoge has bot the elvtr. of the Farmers Elvtr. Co. for \$7,000.—N. J. Thorson, Minot.

Harlow, N. D.—The recently incorporated Farmers Elvtr. Co. will build an elvtr. as soon as the material arrives.

Edinburg, N. D.—The new 40,000-bu. elvtr. of the Farmers Elvtr. Co. has been completed and is in operation.

Sherwood, N. D.—The Farmers Elvtr. Co. contemplates the building of a 30,000-bu. annex to its elvtr.—A. A. Lane, mgr.

Glenfield, N. D.—The new mgr. of the Farmers Elvtr. Co. is a Mr. Higgins and he comes from Medina.—A. W. Johnson.

Colgate, N. D.—F. M. Cook for the past 20 years mgr. of the St. Anthony & Dakota Elvtr. Co. has resigned.—T. M. Comer.

Revere, N. D.—I have sold my warehouse here and am now at Warner, S. D., but expect to leave for Montana soon.—C. C. Cate.

Clyde, N. D.—The elvtr. of the Occident Elvtr. Co. burned July 2. The entire building was ablaze when the fire was discovered.

Wolford, N. D.—S. O. Leslie, formerly agt. for the Heising Grn. Co. at Maza, N. D., is now with the Farmers Elvtr. Co. here.

Kindred, N. D.—Kindred Farmers Elvtr. Co. incorporated; capital stock \$6,000; E. Severson, M. H. Strehlow and C. Owen incorporators.

Des Lacs, N. D.—The Farmers Elvtr. Co. is building a 40,000-bu. elvtr. here to handle this year's grain. T. E. Ibberson has the elvtr. contract.

Woods, N. D.—We have not sold our elvtr. at this station as has been reported.—W. C. Smith, gen. mgr. Monarch Elvtr. Co., Minneapolis.

Newbury, N. D.—The elvtr. of the Car-gill Elvtr. Co. was struck by lightning, July 10; but the loss was slight amounting to about \$10.

Golden Valley, N. D.—L. C. Pettit is reported to be building an elvtr. at this station.—S. H. Stewart, agt. Powers Elvtr. Co., Hazen.

Williston, N. D.—Our new officers are W. W. Wilde, pres.; W. W. Keltner, vice-pres.; and myself sec'y-mgr.—P. E. Grasl, Farmers Elvtr. Co.

Oriska, N. D.—I am now agt. for the Andrews Grain Co. at this station.—J. W. Brenner, formerly agt. for the Gt. Western Grain Co., Westport, Minn.

McCanna, N. D.—F. R. Lynch has succeeded me as agt. for the National Elvtr. Co.—R. O. Floren, now mgr. Farmers Elvtr. Co., Pennock, Minn.

Merrifield, N. D.—I am now agt. for the National Elvtr. Co. at McVillie. The elvtr. of the Interstate Grain Co. at this station is closed.—B. O. Berthenson.

Hoving (Milnor p. o.), N. D.—The Farmers Equity Elvtr. Co. has just completed its new 40,000-bu. elvtr. and is handling grain.—I. M. Stockstad, mgr.

Bucyrus, N. D.—The recently incorporated Farmers Equity Exchange will build an elvtr. at once. E. Eck is pres. and N. P. Nelson, sec'y of the company.

Wyndmere, N. D.—The Farmers Elvtr. Co. has closed its elvtr. for a month to make repairs. The Hickok Constr. Co. is doing the work.—S. A. Jackson.

Golden Valley, N. D.—Farmers Grain Co., incorporated; capital stock \$25,000; incorporators David Cuzler, C. Scharf, G. Klaus, W. Erdman and F. A. Barker.

Pisek, N. D.—F. J. Dvorak has torn down the 32,000-bu. annex of his elvtr. He does not contemplate rebuilding it at present.—J. J. Kadler, mgr. Pisek Grain Co.

Lisbon, N. D.—The elvtr. of the Equity Elvtr. & Trading Co. was struck by lightning July 15 but the loss was slight. Amount on building \$41.05; on stock \$25.50.

Bremen, N. D.—Bremen Equity Elvtr. Co. incorporated; capital stock \$12,000; A. T. Sylling, R. F. D. No. 1, Sheyenne; Wm. R. Hartl and O. H. Olson, R. F. D. 1, New Rockford.

Chaffee, N. D.—The Farmers Elvtr. Co. has installed a new elvtr. leg and a barley cleaner in its elvtr. It has also built a cupola on the annex to its main house.—I. M. Bunn, mgr.

Southam, N. D.—The elvtr. moved by the Woodworth Elvtr. Co. from Bisbee, N. D., is being rebuilt at this station and will be ready for this season's crops. T. E. Ibberson has the contract.

Milton, N. D.—The following officers were elected at the recent annual meeting of the Farmers Elvtr. Co.: Gustave Brecke, pres.; B. Prom, vice-pres.; M. Aslakson, treas., and N. Ordahl, sec'y.

Drayton, N. D.—Albert Gutekunst has resigned as mgr. for the Andrews Grain Co. and is more in the livery and feed business on his own account.—N. R. Tacklind, mgr. Farmers Elvtr. Co.

Dunn Center (Toring p. o.), N. D.—The Occident Elvtr. Co. will build a new 40,000-bu. elvtr. at this place. The contract has already been let to T. E. Ibberson and the material is on the ground.

Rohrville sta. (Southam p. o.), N. D.—The Woodworth Elvtr. Co. has completed the rebuilding of its 25,000-bu. elvtr. which it moved from Velva to this point. T. E. Ibberson had the contract.

Minot, N. D.—L. Enger, formerly agt. for the Osborne-McMillan Elvtr. Co., has succeeded me as mgr. for the Farmers Grain Ass'n. I have resigned after 7 years of service.—N. J. Thorson.

McHenry, N. D.—The report that a Farmers Elvtr. Co. would build an elvtr. here is incorrect. We are not even contemplating a new annex and I am still mgr. of the Farmers Elvtr. Co.—J. Ruttle.

Bergen, N. D.—The Woodworth Elvtr. Co. is wrecking its elvtr. here and will rebuild it at Clementsville. The same machinery will be installed at the new location. T. E. Ibberson has the contract.

Leeds, N. D.—J. C. Donovan has again taken the management of the Powers Elvtr. Co. Mr. Donovan is the oldest elvtr. agt. at this station, having managed the same elvtr. for eight successive years prior to 1910.

Revere, N. D.—The Minnekota Elvtr. Co. is building a 25,000-bu. elvtr. The house will be equipped with modern machinery thruout and will have an adequate handling capacity. T. E. Ibberson has the contract.

Hazen, N. D.—The report that the Farmers Elvtr. Co. would build an elvtr. here is unfounded. No elvtr. is going up here and no farmers company has been organized.—F. P. Wernli, sec'y-mgr. Knife River Lbr. & Grain Co.

Sharon, N. D.—Efforts are being made to organize a company to take over the plant of the Sharon Mlg. & Elvtr. Co., reorganize that company on a co-operative basis and discontinue the milling end of the business.—N. A. Anderson.

Grandin, N. D.—The Grandin Farmers Elvtr. Co. will make some needed repairs on its house next August and will be in first class shape for the heavy movement of this year's crop.—H. W. Reynolds. A new dump will be installed.

Kenmare, N. D.—We are wrecking our elvtr. at Velva and will rebuild it here to take the place of our house burned at this station Apr. 6. A. S. Jorgensen is our agt. here.—F. J. Smith, sec'y Osborne-McMillan Elvtr. Co., Minneapolis, Minn.

Halliday, N. D.—A new 40,000-bu. elvtr. is being built for the Occident Elvtr. Co. at this station. It will be completed some time during the early part of September. All of the equipment will be up-to-date. T. E. Ibberson is doing the work.

Hazelton, N. D.—The Farmers Union Elvtr. Co. is building a 40,000-bu. cribbed elvtr. which will contain a feedmill, cleaning machine and automatic scale. The house will be completed this season. T. E. Ibberson is doing the work.

Edmore, N. D.—The Farmers Shipping & Supply Co., incorporated to deal in grain, etc. A. J. Hammer, M. Viger and O. Sampson, incorporators. The new company will buy a local house.—J. H. Widness, agt. St. Anthony & Dakota Elvtr. Co.

Newman (no p. o.), N. D.—The Amenita & Sharon Land Co. of Amenita is building a 35,000-bu. elvtr. here. This is a new station between Prosper and Vance on the Fargo-Surrey line of the G. Nor. The Hickok Constr. Co. has the contract.

Grandin, N. D.—We have just completed the overhauling of our elvtr. and have painted it. We installed a new dump and new equipment in the legs. We are in good shape to take care of the new crop.—R. F. Gunkelman, mgr. Farmers Grain Co.

Foxholm, N. D.—The Occident Elvtr. Co. has let contract to T. E. Ibberson for the rebuilding of its elvtr. that burned June 17. Work will be rushed on the new 40,000-bu. house and every effort will be made to have it completed in time for this season's crop.

Charles, N. D.—Just at present I am out of the grain business. My little son has been seriously ill for the last 9 weeks and I could not leave him to take a position I had accepted with a Canadian company to manage an elvtr. in Manitoba.—F. W. Wood.

Marion, N. D.—The Farmers Elvtr. Co. is rebuilding its feed mill which was burned in January. The new plant will cost \$4,000 and will be equipped with modern machinery, including a 25-h.p. engine and 24-in. double rollers.—O. W. Pagel, Staples, Minn.

Glenfield, N. D.—The Minnekota Elvtr. Co. is building a 25,000-bu. elvtr. which will be in operation during the latter part of August or the first part of September. The house will be handled in connection with the other elvtrs. of the company. T. E. Ibberson is doing the work.

Almont, N. D.—The report that our elvtr. was struck by lightning June 17, was correct, but there was no fire. The lightning struck at the top of the cupola and came down a small cable and up to the corner of the cribbing, but no blaze resulted.—E. W. Hyde, C. H. Chase Lbr. Co.

Reeder, N. D.—The Reeder Co-operative Equity Exchange has been organized; capital stock, \$10,000. H. O. Bratsberg is pres. The company is now negotiating for the purchase of the house of the old Farmers Grain & Supply Co.—A. K. Moehn, mgr. Regent Equity Exchange, Regent.

Charles, N. D.—The lumber has arrived for our new elvtr. and work will be started at once.—The Farmers Elvtr. Co. is repairing its elvtr.—B. F. Pile will be mgr. for the Cargill Elvtr. Co. after Aug. 1.—M. J. Hammes, agt. National Elvtr. Co., lessees of St. Anthony & Dakota Co.'s Elvtr.

Kenmare, N. D.—The mill of the Frontier Mlg. Co. was struck by lightning July 9, and burned to the ground; loss \$20,000. Eight thousand bus. of grain was also burned. The elvtr. and warehouse were damaged to the extent of \$10,000, but the engine room and office were saved. The loss is fully covered by insurance.

Haynes, N. D.—Haynes Equity Exchange, incorporated; capital stock of \$5,000; incorporators, Geo. D. Davis, H. A. Preston, J. D. Bailey, of Hettinger, N. D., Boyd B. Bobb and J. B. Bailey. The company has bot the elvtr. of the Western Lbr. & Grain Co. at this station and is now buying grain.—A. K. Moehn, Regent, N. D.

Woods, N. D.—The report in the July 10 number is wrong. We wrecked our old house last year and built a 40,000-bu. elvtr. on the site. We have not succeeded the Monarch Elvtr. Co. and that company is still in business here. O. A. Quinnald resigned as mgr. June 30 and I have succeeded him.—H. V. Nichols, Farmers Elvtr. Co.

Colgate, N. D.—The Farmers Elvtr. Co. has been made defendant in a suit brot by the United Grain Co. of Minneapolis, for \$7,000 alleged to be due from the elvtr. company. The farmers contend that the sales made for them by the com'n firm were gambling trades, while the plaintiffs claim that all their sales were bona fide transactions in which deliveries were made.

Moselle sta. (Wyndmere p. o.), N. D.—The recently incorporated Farmers Equity Elvtr. Co. is building a 25,000-bu. cribbed elvtr. to be finished by Aug. 15. The equipment will include a Richardson Automatic Scale, a 10-h.p. Fairbanks Engine, an Owens Fanning Mill, two elvtr. legs, and a manlift. The Hickok Construction Co. is doing the work. I am mgr.—S. A. Jackson.

Regent, N. D.—The Regent Elvtr. Co. will begin work on a new 30,000 bu. cribbed elvtr. about Aug. 1. The house will be detached from the present 40,000 bu. elvtr. and it will be equipped with a feedmill, cleaner and 2 legs. The driveway will extend thru the entire building and run underneath two hopper bins. It will also have a double concrete pit. I will be the mgr.—A. K. Moehn.

Gardner, N. D.—The Interstate Grain Co. has torn down its old elvtr. and is rebuilding it, putting up an up-to-date 30,000-bu. elvtr. The company has also dismantled its house at Buxton and moved it to this station. It will be rebuilt and used as an annex to the elvtr. here. The elvtr. at Buxton slid off its foundation last fall. The new house will be completed by September. Andrew Brodstein is mgr.

OHIO.

Carroll, O.—The Carroll Elvtr. Co. has let contract to W. S. Moore for an evtr.

Hamler, O.—Frank Felzer of Van Wert, has bot the elvtr. of G. O. Cruikshank.

Bellevue, O.—The W. H. Gardner Grain & Mill Co. has overhauled its mill and elvtr.

Sullivan, O.—Geo. Atyeo has built a new granary and covered the approaches to his elvtr.

Forest, O.—I have sold my elvtr. to W. E. Beagle, who is now in charge.—C. E. Emery.

West Sonora, O.—J. & J. Leas have installed a gasoline and kerosene engine in their elvtr.

Savannah, O.—It is reported that Mr. Brown is having plans drawn for an elvtr. at this station.

Forest, O.—G. W. Fox & Co. are repairing their elvtr.—A. B. Shafer, mgr. Sneath-Cunningham Co.

Rockford, O.—A. J. Hawk & Sons will operate the elvtr. recently purchased by them, as the Rockford Elvtr.

Havana, O.—The I. T. Fangboner Co. has let contract to the Burrell Engineering & Constr. Co. for an elvtr. here.

Galion, O.—Elmer Stout has closed his elvtr. and retired from the grain business. He will now handle seeds only.

Trebeins, O.—We sold all our property at Trebeins, including the mill and elvtr. to Spear & Downen.—Dewey Bros. Co., Blanchester.

Ottawa, O.—A. L. Culp recently caught his hand in the machinery at the elvtr. of the Ottawa Grain & Mfg. Co. It was badly crushed and lacerated.

Helena, O.—Helena Co-operative Co.; capital stock \$20,000; F. Rutschon, Jr., E. H. Bradley, F. W. Beatty, C. W. Runquayle and C. A. Lindsey incorporators.

Tamah sta. (Celina p. o.), O.—The Tamah Grain Co., incorporated; capital stock \$12,000; incorporators Robert and Grace Wager and Geo. Dustman. L. S. Brandon is mgr.

Milton Center, O.—The Milton Center Grain & Stock Co., incorporated; capital stock \$20,000; R. M. Strow, J. N. Durlat, C. F. Lewis, C. R. Nelson and O. E. Swarts, incorporators.

Cleveland, O.—E. F. Shepard of Shepard, Clark & Co., died June 30 at his home in Chagrin Falls, following a long illness. Mr. Shepard was 63 years old and was well known to the grain trade of this vicinity.

Hicksville, O.—Hicksville Grain Co. incorporated; capital stock \$20,000; W. Hirzel, P. Walter, G. F. Henning, A. E. Allen and Chas. C. Howenstine, incorporators. The company has bot the elvtr. of L. A. Pugh.

Tiffin, O.—An overheated journal caused a blaze in the corn cob bin of the elvtr. of the Sneath-Cunningham Co., July 14. Prompt discovery and quick action saved the elvtr. however, the damage being very slight.

La Rue, O.—J. P. Barnhouse of Upper Sandusky, has bot the elvtr. of Jas. King and I will be mgr. We will operate as J. P. Barnhouse & Son.—C. F. Barnhouse. —The company formerly operated elvtrs. at Morral & Harpster.

West Park, O.—R. C. Huber is jointly interested with us in the business we recently purchased from him. We have added lumber and building supplies to the grain business.—D. W. Teachout, vice-pres. West Park Lbr. & Grain Co.

Ansonia, O.—John Hufnagle, who has operated the Poling Elvtr. under lease for the last 3 years, has retired from the grain business for the present. Chris E. Harmony took possession of the elvtr. July 1, having purchased it.

Mansfield, O.—The Goemann Grain Co. has been made defendant in a damage suit for \$15,000 brot by J. W. Mykrantz who alleges that his property near the elvtr. of the company has been damaged to that amount by dust and chemicals from the elvtr.

Bucyrus, O.—The Sneath-Cunningham Co. has bot the elvtr. of the Valparaiso Grain & Elvtr. Co. Henry Miller of Lykens, is mgr. The elvtr. is known as the Lauck Elvtr. having been operated for 21 years by Strong, Leiter & Lauck, under the management of Mr. Lauck.

Mansfield, O.—At the recent annual meeting of the Goemann Grain Co. in Toledo, Wm. Zang was elected to succeed T. H. Mitchell as sec'y of the company. Mr. Mitchell having resigned. Mr. Zang has been representing the company at Pittsburgh, Pa. Mr. Goemann remains as pres. and gen. mgr.

Shawtown, O.—O. L. Todd, mgr. of the Shawtown Grain Co. narrowly escaped a fatal accident recently, when his clothing caught in the line shaft at the elvtr. Fortunately he was dressed in a thin summer suit and the goods gave way, throwing him some distance from the machinery. He is suffering from a broken arm and many bruises, but is thankful he is alive.

CINCINNATI LETTER.

Fred J. Dorsel, Chas. J. Christie and F. L. Watkins have been admitted to membership in the Chamber of Commerce.

We have just completed the repairs on our elvtr. We have installed a new power plant, and doubled the capacity of our corn drier and oat machinery.—Gale Bros. Co.

TOLEDO LETTER.

The Northwestern Mlg. & Elvtr. Co. is building an \$0,000-bu. steel storage tank.

C. E. Patterson, formerly mgr. for Irwin T. Fangboner Co. of Bellevue, O., has taken charge of the car lot business of John Wickenhiser & Co.

Mrs. Jennie Collins King, wife of Frank I. King, senior member of C. A. King & Co., died July 9, after an illness of two years' duration. She is survived by her husband and son, Frederick C. King, and by three daughters, Mrs. Thos. P. Day and the Misses Kate and Adelaide King. Miss Adelaide's engagement to Geo. Wallace of Chicago was recently announced. The hundreds of friends and business associates of Mr. King sent messages of sympathy and floral tributes. Members of the Chicago Board of Trade united in sending a large floral offering.

OKLAHOMA.

Alex, Okla.—Geo. Caldwell is mgr. for the Alex Mill & Elvtr. Co.

Crecent, Okla.—The elvtr. of the Graff Mlg. Co. has been completed.

Jet, Okla.—W. K. Bishop is operating his mill as an elvtr. this season.

Blue Jacket, Okla.—We are the only regular dealers at this station.—Blue Jacket Grain Co.

Vici, Okla.—The Farmers Grain & Supply Co. has bot the elvtr. of the C. B. Cozart Grain Co.

Guthrie, Okla.—The Guthrie Mill & Elvtr. Co. will open a testing laboratory in a new building which it will build.

Duke, Okla.—The elvtr. of the Farmers Elvtr. Co. will be completed in a few days and will be put into operation at once.

Enid, Okla.—The elvtr. of the Enid Mill & Elvtr. Co. was damaged to the extent of \$200, by fire started from crossed wires.

Optima, Okla.—Paul Wright & Co. are building a 25,000-bu. elvtr. on the R. I. at this station. This is the first elvtr. here.—S. A.

Afton, Okla.—R. B. Rudy of Neosho, Mo., has bot the plant of the Afton Mlg. Co. and will operate it as the R. B. Rudy Mlg. Co. The entire plant is being overhauled.

Caddo, Okla.—I am not actively engaged in the grain business now. The Smith-Moore-Williams Co. handles some grain here.—The only elvtr. we had here went broke about a year ago.—Amos K. Bass.

Kelso, Okla.—The Giles Elvtr., which was reported at Blue Jacket, is located at this station which is the first one beyond Blue Jacket. The elvtr. is being repaired by Mr. Giles.—Blue Jacket Grain Co., Blue Jacket.

Chickasha, Okla.—W. A. Proctor, for many years employed by the Chickasha Mlg. Co., was found dead beside the branch chute July 7. Mr. Proctor had evidently been stricken with heart disease as he was finishing his midnight lunch, having been on night duty. A "tobacco" heart and the excessive heat were the causes given by the physicians for his sudden death.

Dewey, Okla.—H. S. Holbert, one of the best known grain buyers in this part of the state, has been missing from his home for over two weeks. About 15 days ago, he drew over \$1,000 from the bank and left for South Coffeyville. He was to go from there to Kansas City. No trace of him has been found since he left South Coffeyville. It is feared that he has met with foul play.

Beynton, Okla.—The Farmers Gin & Grain Co. incorporated; capital stock \$10,000; incorporators A. C. Trumbo, J. H. Mosier and R. A. Patterson.

Tyrone, Okla.—We have incorporated for \$10,000 and will deal in grain and farm products. Our elvtr. has been completed and we began operations July 13. We have a membership of 200 and expect to handle 400 cars of grain this season. Our officers are: J. R. Murphy, vice-pres.; T. S. Palmer, treas.; E. P. Lowe, business mgr., and myself pres.—C. G. Kenyon, Tyrone Equity Exchange.

Oklahoma City, Okla.—The state warehouse law which provides that a firm or corporation engaged in the buying of wheat, which stores wheat in a capacity of more than 25,000 bus. must make application to the district court for a permit to operate a public warehouse, was recently invoked by the Kansas Flour Mills Co., which asked that it be granted a state license to do business as a public warehouse company, the object being to store wheat for winter grinding. In granting the license Judge Steen said: "The license is issued on the conditions that the applicant does not become a member of or affiliate with any trust, monopoly, combination or ass'n, with persons or corporations having the object of controlling the price of wheat or any other cereal, or the manufactured products thereof handled by applicants. Also that applicant does not violate any of the provisions of chapter 79 of the laws of Oklahoma as compiled in 1910." This is the first instance in this state in which the warehouse provision of the state laws has been coupled with the anti-trust statute.

OREGON.

Portland, Ore.—The Oceanic Dock owned by Balfour, Guthrie & Co., burned recently; loss, \$150,000.

PENNSYLVANIA.

Pittsburgh, Pa.—Wm. G. Duff, member of Duff, McKane & Co., died recently at the age of 75. His home was in Mercer.

Pittsburgh, Pa.—C. E. Bennett has been admitted to membership in the Hay & Grain Exchange.

Leesburg, Pa.—The grain warehouse of H. J. Brinkerhoff was recently struck by lightning and burned to the ground; loss, \$15,000.

McKeesport, Pa.—John J. Hildinger and wife were probably fatally injured when the automobile in which they were riding skidded on a slippery road 4 miles from Stoyestown, and rolled down an embankment. Two of the eight occupants of the machine were killed and the rest are all seriously hurt. Mr. Hildinger is gen. mgr. of the McKeesport branch office of the Keystone Commercial Co. of Pittsburgh.

PHILADELPHIA LETTER.

Philadelphia, Pa.—L. C. Isbisto is now employed by the Hancock Grain Co.

J. R. Gillespie is associated with J. D. Walls, in the recently formed company of J. D. Walls & Co.

The C. H. Squier & Sons Co. has suspended business owing to its inability to meet its obligations.

Sec'y A. B. Clemmer, of the Commercial Exchange, celebrated his 52d birthday anniversary, July 14. Congratulations were poured upon him by his friends and business associates on the exchange.

SOUTH DAKOTA.

Lake Andes, S. D.—The Carlton Elvtr. Co. has installed a new engine.

Dupree, S. D.—Ray J. Berg is mgr. for the Geo. C. Bagley Elvtr. Co.

Ordway, S. D.—Farmers will organize a company and will buy a local elvtr.

Raymond, S. D.—L. E. Kellett of Seneca, will take charge of a local elvtr.

Corsica, S. D.—Geo. W. Schnidt has succeeded Mgr. Stolt with the Farmers Elvtr. Co.

Pukwana, S. D.—The elvtr. of the Farmers Elvtr. Co. will be reopened in a few days.

Miller, S. D.—D. H. Smith has succeeded W. H. Carr as mgr. for G. W. Van Dusen & Co.

Beresford, S. D.—The elvtr. of the Farmers Elvtr. Co. will be closed 2 weeks for repairs.

Viborg, S. D.—H. P. Madsen has succeeded A. W. Green as mgr. for the New London Mlg. Co.

Worthington, S. D.—I have bot the elvtr. of A. H. Betts and will operate it myself.—G. M. Bremmer.

Plankinton, S. D.—W. F. Conway has been succeeded by Geo. H. Barber as mgr. of the Farmers Elvtr. Co.

Hitchcock, S. D.—F. O. Lanstrom, of Grover, will open the elvtr. of G. W. Van Dusen & Co. at this point.

Ipswich, S. D.—The 5 elvtrs. in this town are all being overhauled and put into condition for the new crop.

Canastota, S. D.—John Schlueter has succeeded Dwight Godfrey as mgr. for the McCook County Grain Co.

Lane, S. D.—Chris Fetzner has resigned as mgr. for W. Z. Sharp, and will take charge of an elvtr. at Frankfort.

White, S. D.—We have repaired our elvtr. and install a 5 h.p. motor.—E. A. Brown is installing new scales.—Barg & Barg.

Sinai, S. D.—We have decided to handle live-stock in addition to our grain business.—A. Larson, mgr. Farmers Shipping Ass'n.

Hecla, S. D.—Ed J. Zeller has been elected pres., Clyde McGinty, sec'y and D. T. Lane treas. of the Farmers Elvtr. Co.

Platte, S. D.—The elvtr. of J. J. Smith will be taken down and moved to Bloomington sta. (Geddes p. o.) where it will be rebuilt.

White, S. D.—Chas. N. McDonald, formerly agt. for E. A. Brown at Elkton, is now mgr. for the Farmers Elvtr. Co. at this point.

Chester, S. D.—E. M. Kellogg formerly agt. for W. Z. Sharp at Fedora, will engage in the grain business here on his own account.

Newark, S. D.—Farmers Elvtr. Co. incorporated; capital stock \$25,000; incorporators W. C. Bailey, A. G. Hathaway, James E. Mee and others.

Foley sta. (Watertown p. o.), S. D.—The Farmers Elvtr. Co. recently elected the following officers: H. Dahl, pres.; H. Everson, vice-pres.

Letcher, S. D.—A. C. Johnson has resigned as mgr. of the Farmers Elvtr. Co. and will be mgr. for the Hunting Elvtr. Co. at Freeborn, Minn.

Bridgewater, S. D.—M. H. Skelly has been elected pres. of the Farmers Elvtr. Co. Other officers are J. H. Anderson, sec'y and A. Hilmer, mgr.

Amherst, S. D.—The St. Anthony & Dakota Elvtr. Co. has repaired its elvtr. and Woodward & Co. are raising their house.—W. L. Pennell, agt. Farmers Grain Co.

Roseholt, (R. F. D. Crawford), S. D.—Farmers Elvtr. Co. incorporated; capital stock \$20,000; K. Nelson, N. W. Swenson, J. M. Anderson and J. S. Swanson, incorporators.

Hazel, S. D.—The elvtr. of the Ostroot Elvtr. Co. burned to the ground July 18 and is a total loss. The fire spread to the elvtr. of the Anchor Grain Co. which was also burned.

Kampeska, S. D.—The following officers were elected at the recent annual meeting of the Farmers Elvtr. Co. C. Falvey, pres.; F. Brown, vice-pres.; L. Tracey, sec'y and Harry Rice, treas.

Huron, S. D.—The Huron Mlg. Co. is building a 30,000-bu. elvtr. which will be in operation by Sept. 1. The machinery to be installed is already arriving. T. E. Ibberson is doing the work.

Henry, S. D.—A 40,000-bu. elvtr. is being built at this place by the Farmers Union Elvtr. Co. It will be completed early this fall in time for the handling of this year's grain. T. E. Ibberson has the contract.

Watertown, S. D.—The Selmser Fuel & Grain Co. incorporators, capital stock \$25,000; incorporated J. H. Selmser, A. T. Hopkins, F. L. Bramble. The company has bot the elvtr. of G. W. Van Dusen & Co.

Kaylor, S. D.—Till & Koch of Mitchell have bot the elvtr. of W. R. Smith at this station. Mr. Smith, whose home is Boyden, Ia., bot the house last February from F. F. Mayer. Possession was given the new firm July 1.

Garretson, S. D.—The elvtr. of Wm. Calahan of Brookings, burned July 15. The elvtr. has been closed for several years and had just been opened for business. Tramps are believed to have been responsible for the fire.

Lake Preston, S. D.—Geo. P. Sexauer & Son are building a 35,000-bu. elvtr. which will be put in operation during the early part of September. Everything will be modern about the house. T. E. Ibberson is doing the work.

Woonsocket, S. D.—The South Dakota Grain Co. is wrecking its plant at this station and will build an up-to-date 20,000-bu. elvtr., with improved engine room and office. We will also install manlift and cleaner.—H. D. Reed, mgr.

Kaylor, S. D.—We have installed a Richardson Automatic Outweighing Scale and are replacing the wood boot with one of steel. We are also building a coal shed and will handle coal in connection with grain.—A. G. Voll, mgr. Farmers Elvtr. Co.

Hecla, S. D.—The Farmers Elvtr. Co. has just completed its new elvtr. at this place. The new house is thoroly modern in its equipment and is arranged with a view to handling grain with the greatest possible speed. T. E. Ibberson has the contract.

Wessington, S. D.—W. A. Hyde will operate the elvtr. recently sold by the Faust Elvtr. Co., for the season. He is installing a Richardson Automatic Scale. The Will-Olson Elvtr. Co. is also installing an automatic scale and a manlift.—J. H. Creighton, mgr. Farmers Elvtr. Co.

SOUTHEAST.

Vidalia, Ga.—E. T. McBride has bot the grain business of the Black-McCullers Grain Co.

Birmingham, Ala.—The new elvtr. and warehouse of Smith Bros. Feed & Grain Co., burned at 4 p. m., July 18; loss \$10,000.

Weston, W. Va.—W. H. Aspinall & Co. incorporated to deal in grain and feed; capital stock, \$40,000; W. H. Aspinall, incorporator.

Spartanville, S. C.—The Spartan Grain & Mill Co. incorporated; capital stock, \$20,000; incorporators, W. D. Burnett, C. B. Fretwell and L. A. Phifer.

Lynchburg, Va.—The Farmers Seed & Supply Co., incorporated to deal in grain, seeds, hay, etc.; capital stock \$25,000; S. W. Owen, R. L. Harvey, D. T. Edwards incorporators.

Savannah, Ga.—N. V. Bertell, who represents C. B. Fox of New Orleans, is reported to be looking over this city as a possible location for an elvtr. to handle Argentine corn.

Charleston, W. Va.—The new plant of the Charleston Mlg. & Produce Co. has been completed and the machinery is being installed. It will be put into operation at an early date.

Lynchburg, Va.—J. M. Brown has succeeded C. W. Stewart with the Piedmont Mills. Mr. Stewart has been with the company for many years and has resigned on account of ill health.

Ipswich, S. D.—Moritz & Carrington formerly operated the East Elvtr. I bot it from Lee & Lewis, who bot it from them, and I now own and operate the house. I am installing a 10-h.p. engine and a feed

mill.—The Victoria Elvtr. Co. opened its elvtr. on July 8 with Arthur Reeves as mgr.—The elvtr. of the Crown Elvtr. Co. is closed at present.—A. J. Moritz.

Prattville, Ala.—McQueen Smith & Sons, who farm the largest acreage in this vicinity, are building an elvtr. near the center of their 3,000-acre farm, 4 miles east of this city. The elvtr. will be on the M. & O. R. R. which runs thru the heart of the land owned by Mr. Smith and his sons. An elvtr. may also be built here for the use of the farmers of the surrounding country.

Richmond, Va.—At the annual election of the Grain Exchange, July 1, the following officers and com'tes were elected: Pres., R. L. Chenery; vice-pres., George D. Mayo; directors, W. F. Richardson, Jr., J. E. Cox, Jr., W. T. Selden, A. C. Diggs, R. S. Christian, T. G. Williamson, W. G. Bragg, W. C. Todd, H. G. Carter; executive com'te, W. F. Richardson, Jr., G. D. Mayo, W. T. Selden, R. S. Christian, J. E. Cox, Jr.; grain com'te, T. G. Williamson, W. R. Johnston, W. D. Saunders, W. F. Green, N. R. Savage; appeal com'te, J. E. Cox, Jr., L. L. Sutherland, W. F. Green, H. W. Wood, W. P. Patterson; arbitration com'te, S. T. Beveridge, J. F. Jacob, G. D. Morgan, G. D. Mayo, J. R. Cary.

TENNESSEE.

Memphis, Tenn.—The Merchants Exchange has voted to adopt the government corn grades, Aug. 15 being the effective date.

Memphis, Tenn.—The elvtr. of the Taylor Grain Co., which was built a little over six months ago, burned to the ground July 9; loss \$20,000; insurance \$16,000. While working on a building across the street from the elvtr., G. T. Taylor, prop., discovered the blaze and before he could reach the office and secure his coat, the building was a mass of flames. The elvtr. will be rebuilt at once. It was filled to capacity with grain.

TEXAS.

El Campo, Tex.—Geo. A. Hodson & Sons may enter the grain trade at this point.

Baumont, Tex.—P. F. Meyer, mgr. for the J. S. Gordon Grain Co., died recently.

McKinney, Tex.—The Collins County Mill & Elvtr. Co. has increased its capital stock from \$100,000 to \$200,000.

Dallas, Tex.—The report that the Knight-Steger Co. has been dissolved is incorrect, as it is still in business.

Galveston, Tex.—Leonard Bell, for the last two years in the office of the Wallingford Bros. at Wichita, is now in charge of the branch office of the company in this city.

Jacksonville, Tex.—A warehouse of the Jacksonville Grain & Com's'n Co. burned, July 14. The fire started in a lumber yard adjoining the elvtr. and the total loss was \$10,000.

Galveston, Tex.—Effective Aug. 1, the Galveston Cotton Exchange & Board of Trade will adopt and put into effect a system of weighing grain moving thru the port, both for export and import business, that will be along the same lines now successfully used in Chicago and Kansas City. The work will be in charge of a chief weighmaster, and under him will be a number of assistants.

UTAH.

Salt Lake City, Utah.—The C. A. Smurthwaite Grain & Mlg. Co. is now located at 201 Dooley Bldg.

Ogden, Utah.—We have incorporated to carry on a wholesale grain, seed, bag and feed business. John L. Taylor is pres. and mgr.; H. G. Doon, vice-pres.; C. J. Doon, sec'y-treas.—Inland Grain Co.

Salt Lake City, Utah.—Hearings began July 14 in the suit by R. E. Miller and John L. Barr against a series of grain companies and individuals who are alleged to control the grain markets of the west.

WASHINGTON.

Creston, Wash.—The Seattle Grain Co. has reopened its house here.—White-Dulaney Co.

Pleasant View, Wash.—Richard J. Tompkins has just completed a concrete elvtr. on his farm and will handle his wheat in bulk.

Chehalis, Wash.—C. W. McFarland is mgr. for the Chehalis Produce Co. which recently bot the warehouse of J. K. Smith.

Winona, Wash.—We expect to build an elvtr. here this season.—Frank L. Currie, mgr. Rock Lake Elvtr. Co., Ewan sta. (Rock Lake p. o.).

Pullman, Wash.—L. R. Miller has leased the warehouses of the Kerr-Clifford Co. here and at Whelan, (Pullman p. o.), Busbey, (Pullman p. o.), and Kitzmiller.

Oakesdale, Wash.—F. A. Darniel has succeeded me as agt. for the Interior Warehouse Co. and I have been transferred to the company's elvtr. at Ilo, Ida.—F. S. Baer.

Krupp, Wash.—The grain warehouses of the Farmers Union, Seattle Grain Co., McDonald-Hale Co., and the Puget Sound Warehouse Co., burned recently; loss \$35,000.

Spokane, Wash.—The Farmers Union Warehouse Mgrs. Ass'n held a meeting in the Coeur d'Alene Hotel July 17, about 40 delegates being present. One of the principal topics of discussion was the policy of the farmers unions to force the substitution of bulk methods in the handling of grain instead of sack handling. J. D. Jarboe, state grain inspector, was the only speaker at the opening meeting. He outlined to the warehousemen the new system of grades adopted for turkey red wheat in Washington state, and answered questions from the floor on all details of the inspection service. Among those attending the meeting were: C. W. Nelson of Seattle, mgr. of the union's terminal warehouse on the Coast; G. W. Henderson, Wheeler; P. W. Cox, Colfax; Ayler McCurtain, Davenport; Jack Friel, Waterville; A. D. Cross, St. Andrews; Ben Manchester, Colfax; Lewis Delivuk, Quincy; Charles W. Booth, Nez Perce; Riley Rice, Cottonwood; J. C. Farr, Albion; E. Nelson, Nez Perce. C. M. Darling, pres. of the board, presided at the sessions, which were executive.

Spokane, Wash.—The Pacific Coast Elvtr. Co. and the Puget Sound Warehouse Co. of Portland, Ore., have nearly doubled their charges for storing wheat. The new rate is 50c a ton handling charge, which pays storage for 30 days, after which 10c a ton a month is charged. The old rate was 50c a ton handling charge, which carried it till Dec. 31, after which 10c a month per ton was charged. Wheat put in the houses now will cost \$1 to the first of the year, instead of 50c, as there are five months during which the extra 10c a month will be charged. Farmers all over the state are indignant over the raise and allege that it is an attempt on the part of the grain companies to make them sell early. A. C. Moore of the Walla Walla Farmers Union says: "The farmers have not advanced their rates. The harvest is under way now and they have no opportunity to build new warehouses, so they are caught between wind and water. They are talking of building more warehouses to oppose the large concerns. The warehousemen claim that the 50c charge does not pay their expenses." Four years ago an attempt was made to raise the rates 50%, but the old figure was adopted again after the farmers began building their own houses and had held many meetings.

WISCONSIN.

Black Creek, Wis.—The Green Bay Elvtr. Co. has leased the local elvtr. and will take possession Aug. 1.

Superior, Wis.—The Wisconsin Grain & Warehouse Com's'n examined 43 applicants for the position of ass't inspector for the com's'n July 15. The heavy inrush of grain has rendered the present force inadequate.

Weyauwega, Wis.—We are remodeling our mill into a 100-bbl. rye mill. The Nordyke & Marmon Co. have the contract.—Weyauwega Mlg. Co.

Merrill, Wis.—The Merrill Grain Co. incorporated; capital stock \$15,000; Paul Gebert, Leo Gensmann and Joe West incorporated.

Fairchild, Wis.—Two elvtrs. will be built at the extreme end of the Fairchild & N. E. R. R. Some potato warehouses and coal and lumber yards will also be built. This is at the Western extension from Cleghorn sta. (Eleva p. o.), Wis. Other stations need elvtrs. also.—N. C. Foster Lbr. Co.

MILWAUKEE LETTER.

Herman Fuldner, a member of the Lake-side Distilling Co. and of the Chamber of Commerce, died July 11.

Harry Berger, who was a member of the Berger-Crittenden Mlg. Co., is now with the Donahue-Stratton Co.

The memberships of Wm. A. Knowles, B. S. Wilson, R. W. McKinnon and the estate of Wm. P. Jochem have been posted for transfer.

O. W. Williams, member of the Chamber of Commerce since 1898, died in Chicago July 18 from an apoplectic stroke. He was 51 years old. The body was brot to this city for burial.

The employes of the inspection and weighing depts. of the Chamber of Commerce, will hold their first annual picnic at Okauchee Lake, Aug. 9. A good time is guaranteed all who attend.

The hearing which was to have been held on July 22 by the Interstate Commerce Com's'n in the matter of switching rates at Milwaukee has been postponed to a later date, to be fixed by the com's'n.

The question of what is a proper and reasonable switching charge for carload freight loaded at an industry and shipped to a team track and also what charge shall be made from or to industries and connecting roads will be taken up at future hearings by the Railroad Com's'n of Wisconsin and special investigation on its part.—H. A. Plumb, sec'y Chamber of Commerce.

Abraham Salisbury, ass't grain inspector of the Chamber of Commerce and a member of the exchange since 1876, died July 19. Mr. Salisbury was 69 years old, and had been a resident of Milwaukee since 1863. The year after he came to Milwaukee he was appointed weighman for L. J. Higby, and afterwards was foreman of Elvtr. C. He was appointed assistant deputy inspector in 1865.

Henry Rang & Co., of Chicago, have opened a branch office in this city with B. G. Ellsworth in charge. Mr. Ellsworth has been a member of the Chamber of Commerce since 1892, serving as pres. in 1905-07. He was a member of the old firm of L. Bartlett & Son and subsequently became its pres. when the title was changed to L. Bartlett & Son Co. He retired a year ago to engage in business for himself.

Sam'l W. Tallmadge, a member of the Chamber of Commerce since 1863, died July 13, from kidney trouble. Mr. Tallmadge was 70 years old and for nearly 50 years has been engaged in the grain trade. In the late 50s he started in the business but at the outbreak of the civil war enlisted and served until the Memphis campaign. On his return to Milwaukee he joined the exchange, his father, J. J. Tallmadge, being pres. at the time. He was known as one of the most careful crop experts of the country and for many years before the government reports were made, was quoted as an authority. He was always prominent on com'tes of the exchange and served a term as vice-pres. About 30 years ago, Mr. Tallmadge failed in business, but altho his friends urged him to allow them to release him for a small percentage of his liabilities, he refused, and starting all over again, paid dollar for dollar and built up his firm again. He is survived by his widow, 4 daughters, 4 sons and 2 adopted children. Mr. Tallmadge was one of the most popular and best loved men of change and his 600 fellow members all feel a personal loss in his death.

Sample Envelopes

Non-Sifting

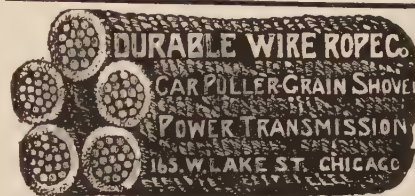
Designed especially for mailing samples of grain and seed. Specimens Free.

TULLAR ENVELOPE CO.
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Cover's Dust Protector

Rubber Protector, \$2.00
Sent postpaid on receipt of price; or on trial to responsible parties. Has automatic valve and fine sponge.

H. S. COVER
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MOISTURE TESTERS



With Copper Flasks, for gasoline, gas, alcohol or electricity, or with Glass Flasks, for gas or alcohol, conforming exactly with government specifications.

Prices \$30.00 upward.

Free Booklets.
Instant Delivery.

Sieves, also, for percentages of cracked and broken corn.

HESS WARMING & VENTILATING CO.

907 Tacoma Bldg., CHICAGO

MAKERS OF
HESS DRIERS

The Original Brown-Duvel
Tester for Alcohol.
Price \$32.00.

Ask us for a Free copy of the Federal Corn Grades, printed on heavy board. You'll be sure to want it for reference.

Transit Leaks

are unknown to the grain shippers who use

Kennedy Car Liners

Enormous Increased Sales prove the Efficiency, Merit and Serviceability of these liners.

The Kennedy Car Liner

is the only device offered the grain shipper that makes a car Leak-Proof.

CHEAP—MODERN—PROFITABLE

Write now for particulars

The Kennedy Car Liner & Bag Co.

SHELBYVILLE, INDIANA, U. S. A.

Supply Trade

Minneapolis, Minn.—L. E. Taylor & Co. report a large number of sales of their "Flexible Spout Holder and Car Loader," at stations throughout the Northwest.

Minneapolis, Minn.—C. A. Weaver, formerly in charge of the Minneapolis Agency of the Avery Scale Co., which has been discontinued, is now connected with E. A. Pynch & Co.

Lansing, Mich.—Brownall Engine & Pulley Co., will, on August 15, move its plant to Holland, Mich. The new factory will be equipped with machinery for making gasoline engines up to 12 h. p.

Lansing, Mich.—United Engine Co. report that it is putting out about 300 engines a week. Its recent shipment of a carload of engines to London and the Antipodes, indicates that its business is not entirely confined to this country.

Milwaukee, Wis.—The A. Fredman & Sons Co., bag manufacturers, has been incorporated with a capital stock of \$75,000 by Max Fredman, Samuel Fredman and Abe Strauss. The business was formerly conducted under a partnership arrangement.

The fraudulent advertiser and the periodical publication that denies any sense of responsibility for the probable truth of the advertisements which it publishes are having a more difficult task to succeed in business today, in Canada and in the United States. Legislation of a prohibitive and disciplinary kind, backed up by aggressive action of the Associated Advertising Clubs of America and by prosecuting attorneys, is beginning to have its circumscribing and punitive effects. The best advertisers of the country, men who place some of the largest annual appropriations, are more rigid each year in their refusal to use periodicals and papers that take advertising promiscuously and without proper sense of responsibility to their readers.—*Christian Science Monthly*.

Silver Creek, N. Y.—On July 19 the employes of the Invincible Grain Cleaner Co., had an outing at Point Gratiot Park, Dunkirk, with their families. The day was spent in various forms of amusement and it is needless to say that everyone present had an enjoyable time.

Chicago, Ill.—The Temple Pump Co., has decided to make a change in its corporate name to that of The Temple Mfg. Co. This was occasioned by the prevailing impression in the minds of many of its patrons that its product is confined to pumping machinery. The change has been confined to the name only. Its new plant at 54th Ave. and 22d St., Cicero, Ill., is equipped with every modern appliance to enable it to manufacture its line.

Testing Power of Engine.

In calculating the power of a steam engine a close approximation can be made by taking the steam pressure, the area of the piston, the length of stroke and the number of strokes per minute. For large engines an additional refinement is to take an "indicator diagram" showing what the pressure of steam within the cylinder is in pounds per square inches at different parts of the stroke, as the pressure decreases rapidly in modern engines working expansively.

Even with the greatest care the horse power so calculated is never so accurate a measure of the power of a given engine as the brake horse power determined by what is known as the "Prony brake." This test weighs the power of the gasoline engine just as accurately as the grain dealer's hopper scale weighs the farmer's wheat. That so intangible a thing as the power of an engine could be weighed on a common platform scale would seem impossible; yet it is the method relied upon by all up-to-date engine manufacturers to ascertain exactly what they can guarantee their engines will deliver. This test is equally applicable to gas engines, electric motors, steam engines or windmills. The test is easily made, the only difficulty being in the case of very large engines, when special means must be provided to cool the brake.

The engraving herewith shows a gasoline engine undergoing a test at the

Witte Iron Works, Kansas City, where the practice is to test every engine before shipment and to make a card record of the actual horse power and the surplus above the rating.

A country blacksmith or carpenter could put together the simple testing outfit, as a crudely made brake will give reliable results, the principle employed being so simple. The essential factors to be noted accurately are the distance from the center of the engine pulley to the center of the notch in the timber over the scales, the number of revolutions per minute and the pounds weight shown by the scale beam.

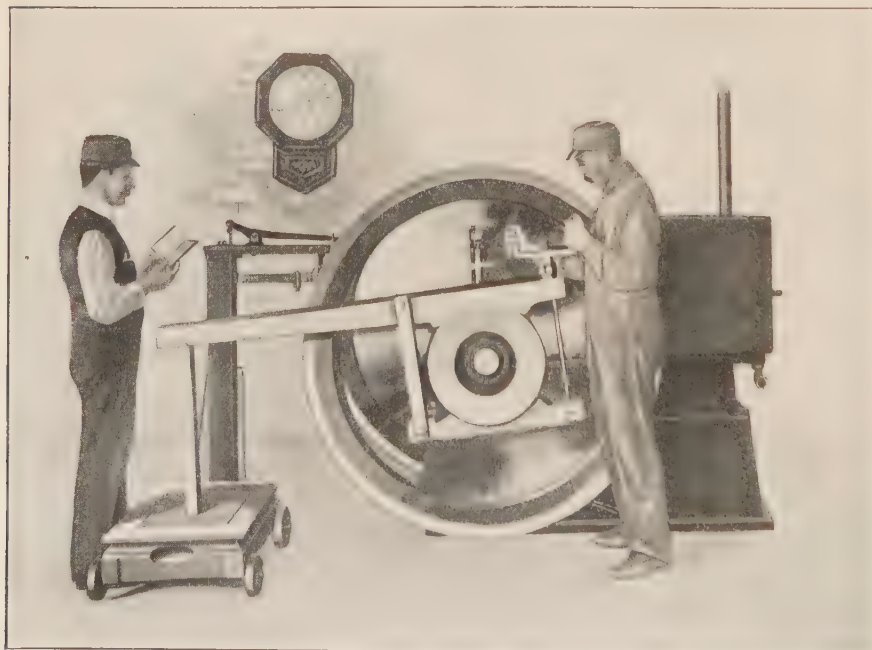
The braking clamp fits loosely over the drive pulley and is tightened by the workman at the hand wheel. Tightening the brake brings gradually greater downward pressure on the scale platform and the pea is slid outward on the scale beam to balance the beam when the pressure is greatest. The stick on the scales should stand vertical and the notch in the timber should be on a level with the center of the engine shaft.

With a distance of 5 ft. from the center of the engine shaft to the notch the notch would swing in a circle 31.416 ft. in circumference if released. If the scales showed 100 lbs. weight this is equivalent to pushing a weight of 100 lbs. a distance of 31.416 ft. up against the force of gravity during each revolution, or 3141.6 foot pounds. At a speed of 100 revolutions per minute this is equivalent to 314160 foot pounds per minute. As a horse power is arbitrarily assumed to be 33,000 foot pounds per minute the number of horse power is the number of times 33,000 is contained in 314160, or 9½ h.p.

THE FOWLER Grain Co., Fowler, Ind., is working on the "More Beauty" plan. It has broken up a circular plot of ground near its office and will plant a privet hedge around it and flowers and blue grass in it.—G. J. S.

GAS for motive-power purposes has been reduced to 16c per 1,000 cubic feet by the Widnes Corporation of England. This corporation has outstripped all of its competitors for many years past and recently installed horizontal retorts in its plant. A cut of 2c was ordered for all ordinary consumers making the price 24c per 1,000 cubic feet and 20c per 1,000 cubic feet for all who used more than 3,000,000 cubic feet per year.

GRAIN ELEVATORS will be built by the Russian Government at the railroad stations of Efremof, Jdanka, Tula, Volovo, Patotchnaya, and Venev, all in the Province of Tula. The total capacity of these storehouses will be 77,400 short tons. The building of the grain storehouses at the station Gorbatshevo has been deferred. In the Province of Orel, there are to be constructed grain storehouses at the stations of Terbuni, Verhoviye, Livny, Briansk, Zmejevka, and Mzensk. It is also proposed to purchase from the city of Orel the local storehouse and from the zemstvo the grain elevator at the railroad station Elels. In Orel Province the total storehouse capacity will be 85,500 short tons. In the Province of Ryazan it is proposed to construct grain elevators at the stations Alexandrovskaya, Verda, Uholova, Mikhailof, and Ryazan, and to purchase from the Sizran-Vyazma Railroad the elevator at the station of Rijsk. The capacity of these elevators will be 51,750 short tons.—Consul General J. H. Snodgrass, Moscow.

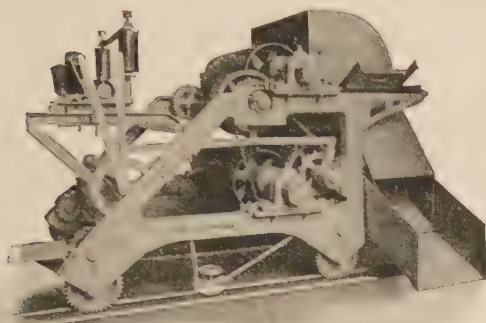


Testing Power of Engine by Prony Brake at Witte Iron Works.

Something New in Trippers.

The way grain elevator equipment is built today it is necessary to have some distinctive feature that other mechanisms do not possess if one wishes to be in the "van guard."

For many years belt trippers have been built along about the same general lines, and while minor improvements have been made from time to time, it has remained for the Weller Mfg. Co. to bring out a tripper which not only has all of the re-



A New Tripper.

finements and improvements but has a distinctive and attractive feature.

This improvement means the elimination of frayed, torn and ruined belts caused by the belt catching in the propelling frictions. This damage may run anywhere from a small item up to the full cost of the belt, and when it is considered that these belts will cost from \$500 to \$3,500 it will be seen that it is quite an important item.

In the Weller made Patented Tripper are two paper and two iron frictions instead of the customary two paper and one iron friction. The frictions are smaller in diameter than the pulleys, and so offset that it is absolutely impossible for the belt to touch the frictions even should it swing 6" or more out of center. The usual clearance allowed is about 3".

Another feature about this machine which is a very desirable feature is the large diameter pulley which means longer life to the belt, and the larger diameter shafts than is customary.

These features are of such prime im-

portance and so desirable to large users, that in several cases old style trippers have been discarded, and the new and safe type installed in their places.

Aylsworth-Neal-Tomlin Expanding.

Since its organization a year ago the business of the Aylsworth-Neal-Tomlin Grain Co. at Kansas City, Mo., has shown steady growth. To care for the increased volume of trade the company has under construction a 500,000-bu. addition to its elevator.

Before the company was organized its members already were well known to the grain trade of the Southwest, each of the officers individually having strong connections in either the milling, cash grain, or future brokerage branches. Charles T. Neal is president, Frank Kell, vice president; George A. Aylsworth, treasurer; and John R. Tomlin, secretary. All of them are old to the Western trade.

The elevator operated by the company is known as the Murray Elevator, and is owned by the C., B. & Q. Ry. Co. It is shown in the engraving. This house has a capacity of 1,000,000 bus., and is one of the best examples of the hollow tile and concrete style of elevator architecture, having been copied at a few other markets.

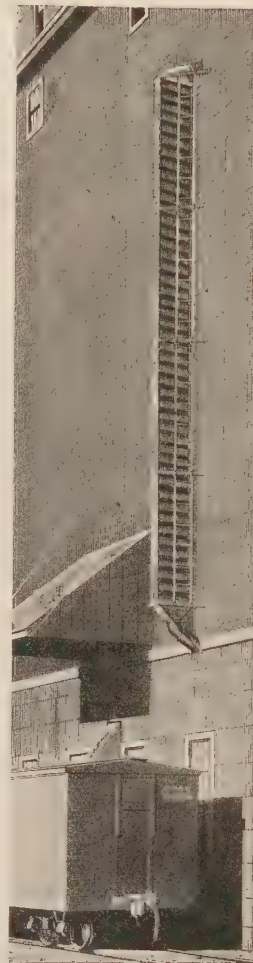
The same superior construction is being followed in the new half million bushel addition, comprising 18 tanks of tile on a concrete foundation. All floors and the roof will be of tile, making the plant absolutely fireproof. Work is being rushed by the builders, Jas. Stewart & Co., and the house will soon be completed.

THE GRAIN Dealers Journal is needed in my business and I would not do without it.—A. F. Conrad, mgr. Farmers Elevator Co., Steward, Ill.

RUST was specially mentioned in market news July 28, 1904. The Toledo September price was 91%. More complaints followed and on Aug. 22 it sold up to \$1.17, back to \$1.07½ on the 25th, and up to \$1.13½ on September 1. Week of Aug. 20 September price at Minneapolis went up 16 cents and was off 9c week later. Crop turned out 153 million vs. over 200 million estimated before rust reports were numerous.—Toledo Market Report.

THE HESS OUTDOOR GRAIN CONDITIONER

is attached to the outside of your mill or elevator. It will cool heating grain, sweeten musty or fermenting grain, cleanse and brighten dusty and dull grain, and improve the quality generally. It operates by concentration of the wind upon the grain while it is stirred and moved by gravity. No heat, no fans nor other machinery are required, and it takes up no space in your elevator. We furnish it in various sizes to meet any requirements.



The complete equipment costs \$75.00 and upward according to length. It will repay its cost many times in a single season, in improvement of grain passed through it.

Hess Warming & Ventilating Co.

907 Tacoma Bldg., CHICAGO

Makers of Hess Grain Driers, Moisture Testers, Corn Grading Sieves and Percentage Scales



Elevator of Aylsworth-Neal-Tomlin Grain Co. at Kansas City, Mo.

Wear on Friction Clutches.

"Friction" and "dust" in the bright lexicon of the insurance underwriter are translated as meaning "fire hazard," and as such must be eliminated. With dust the insurance companies are satisfied if the elevator operator has an up-to-date dust collecting system for its removal as fast as generated.

Friction due to machinery being badly constructed, not frequently inspected and to bearings being out of line is largely taken care of by the self-inspection methods of the mutual fire insurance companies.

Friction in the friction clutch is something the operator of the elevator needs in his business. A good friction clutch works so smoothly and prevents the jar in stopping and starting machines, so that the insurance men will never be able to persuade the elevator operators to do without it.

Any necessary evil can be minimized by proper care and attention, and some very excellent suggestions on friction clutches have been made by the Grain Dealers National Fire Insurance Co., in "Our Paper," describing the normal, worn and burned clutch blocks shown in the engraving reproduced herewith.

As friction clutches are always thrown in and out by a lever no care is given to the placing of the clutch so long as the handhold on the lever is conveniently within the grasp of the operator of the machinery. The result is that the clutch is usually installed in some out of the way place. If at any time it refuses to do its duty, the man in charge must go down into the "lower regions" and remonstrate with it.

The type of clutch from which the blocks in the engraving were taken has five or six blocks so arranged that each one must be adjusted separately. "Aye, there's the rub." Imagine a man on a busy day going down into a dark hole to tighten up six blocks on an unruly clutch.

The first one is easily get-at-able and is screwed down tight; two and three do not fare so well. Four is hard to get at and a turn or two is all it gets. Five and six depend upon the humor of the man when he reaches them. As a result, when the clutch is next thrown in, the heavy work is done by one or two blocks, and if all the evidence is not destroyed in a fire, the blocks are usually reduced to the condition shown.

A metal satisfactory for use in a clutch has not yet been brought out; and so long as wooden blocks are used we can look for trouble; but it can be reduced to a minimum by the use of just a little horse sense.

In the first place, a dark hole is no place for a friction clutch. It should be installed where it can be looked after properly. The basement is all right, provided it is a basement and not a 2x4 hole under the work floor which has been named a basement by some builder.

In the second place, a friction clutch is a piece of machinery that a monkey wrench mechanic has no right to tinker with. When it needs adjustment, it needs proper adjustment and should receive it. No half way measures will do. Likewise attention might be called to the fact that there are several makes of friction clutches, and it is the part of wisdom to buy one that requires the least amount of adjusting.

THE INTERNATIONAL Soil-Products Exposition will be held in Wichita, Kan., in conjunction with the International Dry-Farming Congress on Oct. 7 to 17. A premium list amounting to \$10,000 has been provided for the various prizes at the show.

OATS we expect to move early, unless unfavorable weather conditions intervene. There is likely to be a demand for old crop oats for some time after the new crop is available, and they should command a premium on account of superior weight.—L. W. Forbell & Co.

A Lesson in Fire Prevention.

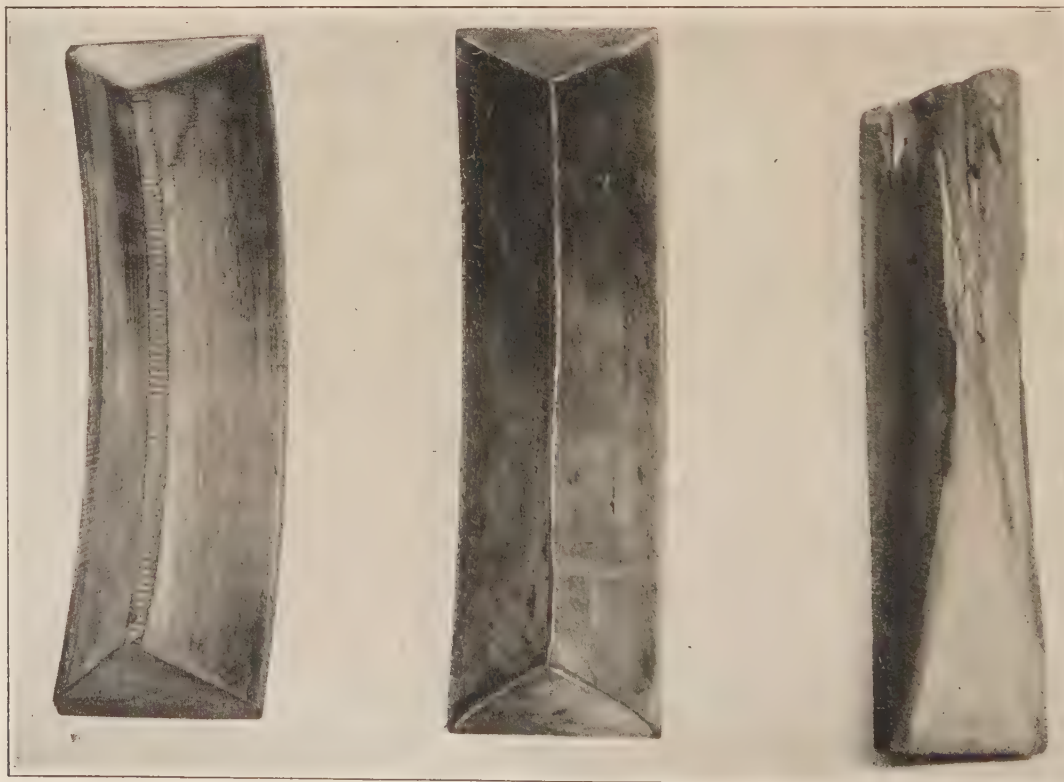
The terrible conflagration at Salem, Mass., on June 25, in which \$15,000,000 worth of property was destroyed and a quarter of the population rendered homeless, is another striking example of the destruction which so often follows the breaking out of a fire among buildings constructed and roofed with inflammable materials.

The fire started in the midst of a factory district where the buildings were of wood. These almost instantly burst into flame. The blaze ate its way within a few hours to the centre of the business district. At the same time another section of the city a mile away was set in flames by embers carried by the wind and falling upon wooden shingled roofs.

Paterson, N. J., in 1902 had a similar disastrous fire experience. Here again it was the readily ignited materials used in the construction of the buildings and especially roofs which aided the rapid spread of the flames. The only type of construction which acted as a barrier to the fire was brick walls laid in Portland cement. Tarred roofs only added ready fuel and easily took fire where brands fell upon abraded portions from which the gravel had been worn.

After this experience the city of Paterson passed an ordinance prohibiting the use of wooden shingles or inflammable roof coverings within the city limits. Since that time in Paterson and suburbs more than 2,000 roofs have been covered with Asbestos Shingles and Asbestos Ready Roofing.

The efficiency of Asbestos Roofing as a fire stop is illustrated by the fact that, in the Salem fire, sparks and burning embers were literally showered upon the roof of the Naumkeag Steam Cotton Company's storehouse, yet this building was absolutely unharmed because protected by J-M Asbestos Roofing, while other buildings all around it were burned to the ground.



Normal.

Worn.
Wear on Friction Clutches.

Burned.

It is surprising how few cities realize the ever present danger from fire so long as wood shingles and other inflammable roofings are permitted in thickly settled districts. Fireproof construction, especially fireproof roofing is a precaution which no city, that has due regard for the value of life and property, should neglect.

Insurance Notes.

A NEW WORKMEN'S COMPENSATION law will go into effect in the state of Kentucky on Jan. 1, 1915. The new law is very similar to those already in force in Ill., Mich., and Minn., tho it prescribes a larger amount of compensation. This makes the cost for the owners insuring proportionately higher.

IF THE WALLS of a brick building, although standing, have been injured and caused to lean so much out of plumb, as a direct result of the fire which burned out a large portion of the floors and woodwork within, that a prudent man would not use any portion of them as a basis for restoring the building, the loss is total.—Decision by Supreme Court of Appeals of West Virginia May 12 in suit by Floyd Teter against Franklin Fire Ins. Co.

THE FIREBUG is not an insect; but, like the locomotive spark it is very fond of chinks and cracks in dry wood. To coax the spark to do its worst take the unpainted pine or hemlock boards which are provided for grain doors in cars, and stack them in the hot August sun against the wall of the elevator about where a sheet of the iron siding is working loose. Elevator men not desiring to be put out of business can enjoy a smaller bonfire by piling the grain doors at a safe distance from the elevator.

DRY GRASS and weeds near the elevator during this hot and dry weather might be the cause of the loss of the plant should a spark fall into it. We always have our employes take shovels and cut all these weeds and grass away. Then should a fire get started along the right-of-way, it would only burn up to where you had cut weeds and grass away; otherwise it would burn into your elevator or adjacent buildings, and you are aware of the results—Cottrell Bros., of Terre Haute, Ind., in "Our Paper."

WHERE AN EMPLOYEE, engaged in cleaning and painting, began work around a moving shaft shortly before noon, although he had been ordered to do that work during the noon hour, while the machinery was stopped, his disobedience was a thoughtless act on the spur of the moment, rather than deliberate disobedience, and does not deprive his dependent of compensation under the Workmen's Compensation Act.—Decision by Supreme Judicial Court of Massachusetts, May 23, in suit by N. Nickerson against Boston Woven Hose & Rubber Co.

THE TRI-STATE Mutual Grain Dealers Fire Insurance Co. held its annual meeting at Luverne, Minn., July 14. The reports showed that during the past year the company has written \$238,098 worth of insurance and collected \$40,179.50 in premiums. The losses for the year were \$17,751. A dividend of 35 per cent was declared by the company, besides increasing the surplus fund from \$6,000 to \$7,000. The officers for the past year were re-elected as follows: E. A. Brown, pres.; V. E. Butler, Heron Lake, vice pres.; E. H. Moreland, Luverne, sec'y.; and B. P. St. John,

Worthington, treas. These men and W. Z. Sharp, Sioux Falls, H. S. Grieg, Estherville, Ia., A. H. Betts, Mitchell, S. D., and W. J. Shanard, Bridgewater, S. D., were chosen directors.

CASUALTY INSURANCE companies report that one of the most common accidents is that caused by elevator men being caught in belt and chain drives that have

not been properly safeguarded. A recent instance of such an accident is that of James Landers, elevator manager for Lamoreaux & Inkster Bros., Melvin, Ill. Penalties clauses in case of failure to safeguard machinery are contained in most of the state laws. Nevertheless many are thoughtlessly neglecting this duty toward their help.

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of

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Write Elevator and Grain Insurance on the purely Mutual Plan, with Cash Dividends Annually.

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INCORPORATED 1877

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Insures Elevators, Mills, Grain Warehouses and Contents
of same at Cost.

Insurance in Force \$18,433,615.45. Cash surplus \$473,253.91.

GEO. POSTEL, President G. A. McKINNEY, Secretary

HOME OFFICE: Alton, Illinois.

WESTERN DEPARTMENT: Mr. Rollie Watson, Mgr., 402 Sedgwick Bldg., WICHITA, KANSAS

Hot Boxes

Who is to blame for the Million Dollar loss from Hot Boxes in mills and elevators in the last three years? We would like to know.

Millers National Insurance Co.,
Chicago, Ill.

Western Millers Mutual Fire Insurance Co.,
Kansas City, Mo.

Ohio Millers Mutual Fire Insurance Co.,
Canton, Ohio.

Pennsylvania Millers Mutual Fire Ins. Co.,
Wilkes-Barre, Pa.

Mill Owners Mutual Fire Insurance Co.,
Des Moines, Ia.

The Millers Mutual Fire Insurance Co.,
Harrisburg, Pa.

Texas Millers Mutual Fire Insurance Co.,
Ft. Worth, Texas.

Michigan Millers Mutual Fire Insurance Co.,
Lansing, Mich.

Grain Dealers National Mutual Fire Ins. Co.,
Indianapolis, Ind.

Send information to the

MUTUAL FIRE PREVENTION BUREAU
OXFORD, MICHIGAN

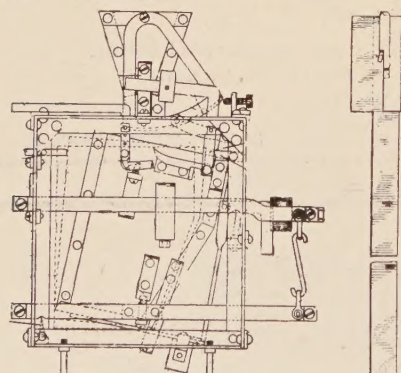
Patents Granted

Snap-Seal. No. 1,102,262. (See cut.) George Gordon, Saginaw, Mich. The seal consists of a single strap one end of which is bent to form a hook and the other adapted to receive it. The receiving end is arranged with a cover member, which when the hook end is placed in position closes over and is locked in place by flanges on the edges of the cover end.

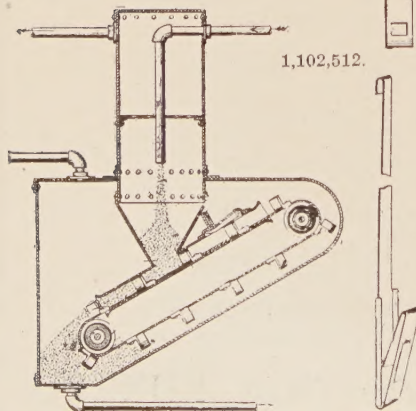
Car-Seal. No. 1,102,512. Edgar E. Jameson, Sunny Side, Miss. The seal comprises a metallic strip with one of its ends wider than the other and the extended portions bent over so as to form a casing. This end has also a spur extending in an opposite direction to the mouth of the fold and adapted to secure the smaller end of the strip in which there is an aperture. The casing is adjusted to close on the strip when in position, thus making it secure.

Combination Suction Elevator and Loader. No. 1,100,992. (See cut.) Robert A. Sallee, Middleton, Cal. The loader and elevator consists of a suction chamber to the lower or discharge end of which is attached a cylinder thru which operates an endless chain carrying piston members adapted to operate in the cylinder. At one end of the cylinder is a slide valve which is operated by each individual piston in conjunction with a pivotal lever. The material is taken from the suction chamber thru the cylinder by means of the chain to a receiving chamber.

Automatic Weighing Machine. No. 1,103,469. (See cut.) Andrew J. Ball, Fort Worth, Tex. This scale is composed of a main frame on which are quadrilateral supporting the scale frames, both extending from the rear end of the main frame. On the side beams is a pivotal discharge hopper over which is a feed hopper rigidly supported from the main frame. This feed hopper is arranged to work with a dribble



1,103,469



1,102,512.

1,100,992

1,102,262.

cut-off operated by the movement of the discharge hopper. The different members are arranged to work in unison with the means of motive power controlled by the movement of the discharge and loading hopper to regulate the feeding of goods to the scale.

Elevator Construction in South-eastern Europe.

A new grain elevator will shortly be opened for public use in Constanza, Roumania. This will make the third elevator in that port, which will be operated and owned by the Government. The capacity of the Constanza elevators is 441,320 hectoliters (1,252,352 bus.) each, divided among 250 silos of different sizes. The other elevators in the country are in Braila and Galatz, the two Roumanian ports on the Danube. The elevator in Braila contains 334 silos, which have a capacity of 377,560 hectoliters (1,071,418 bus.). The elevator in Galatz contains 334 silos, which have a capacity of 346,080 hectoliters (982,086 bus.). There are no other elevators in Roumania owned by the Government nor by private parties, as the Government owns all harbor lands, and no individual or concern can build elevators on the Danube River or on the Black Sea without first obtaining concession from the Roumanian Government.

In Bulgaria there is a great opportunity for American capital to be invested in grain elevators, which could be erected either on the Danube River or on the Black Sea at Varna or Bourgas, or on the Aegean Sea at Porto Lagos. Bulgaria would greatly benefit by the erection of such elevators, and the Government would grant concessions for that purpose. During my last visit in Sofia I spoke of this matter with Government officials and prominent citizens in Sofia, and the general opinion was that such elevators would not only be good for the country but for the grain trade in general.—Chas. J. Vopicka, of Chicago, now American Minister at Bucharest, Roumania.

Price Basis of Settlement.

Lawther-Burgher Grain Co., Dallas, Tex., plaintiff, v. A. B. Crouch Grain Co., McGregor, Tex., defendant, before the Arbitration Com'te of the Texas Grain Dealers Ass'n.

This is a claim originating on account of purchase by plaintiff from defendant of a small car of kafir or maize for prompt shipment at \$1.08 per 100 lbs. delivery, and the claim originates on account of failure of defendant to make the shipment within contract time and on account of his shipper having failed to make the shipment.

The evidence shows that the plaintiff secured prices on these commodities and the lowest was \$1.17 per 100 lbs., and advised the defendant that unless they had notice of shipment that they would buy it in at this price. The defendant contended that \$1.15 was sufficiently high and offered to settle on this basis.

The plaintiff advised the defendant that \$1.17 was the lowest price he could obtain and unless the kafir or maize was furnished, they would be compelled to buy it in at \$1.17.

As the defendant put the plaintiff on notice that they would be forced to buy it in at \$1.17 and the defendant was unable to furnish it at a less price, we hold that defendant is estopped from claiming that \$1.15 was the market price, and award plaintiff the difference claimed, 9c per cwt. on a minimum car of 30,000 lbs., inasmuch as it was agreed that a small car should be shipped under the contract.

The A. B. Crouch Gr. Co. is hereby instructed to promptly pay to the Lawther-Burgher Gr. Co. \$27, and the Sec'y is instructed to return the Lawther-Burgher Gr. Co. their deposit fee in this case.

C. R. TORRY,
DOUGLAS KING,
EUGENE BLASDEL,
Com'te.

Books Received

THE CULTURE OF WINTER WHEAT in the Eastern United States, by Clyde E. Leighty, is a 12-page circular valuable to growers, issued as Farmers Bulletin 596, U. S. Dept. of Agriculture, Washington.

SOME VARIETIES AND STRAINS OF OATS and Their Yields in South Dakota by A. N. Hume, State Agronomist for the South Dakota State College of Agriculture, is the tabulated record of experiments in oat growing and gives information as to the best yielding varieties, their appearance and names. The bulletin gives the classification and description of the varieties most common to the state and the comparative yields of each. It contains 11 illustrative engravings. Free to residents of the state. Bulletin No. 149, Agricultural Experiment Station, South Dakota State College of Agriculture, Brookings, S. D.

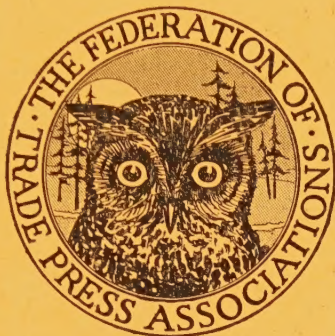
THE FORTY-SIXTH ANNUAL REPORT of the Missouri State Board of Agriculture is a record of the work in agricultural and allied industries as well as a report of the Missouri Farmers' Week Ass'n meetings. It gives farm statistics, other information and papers. Farm crops and live stock statistics cover 19 pages of the book and consist to a large extent of tables giving crop acreage, average yield per acre and total product by counties, also value of crop for the year, and the average price of stock per head in the different sections of the state. Cloth binding, 724 pages. Missouri State Board of Agriculture, Columbia, Mo.

THE 39TH ANNUAL REPORT of the Ontario Agricultural College and Experimental Farm of Ontario is a 208-page record of the various departments of the college and their work during the past year. Of this report the section devoted to the field husbandry and experiments is most interesting to the grain dealer. In it the cultivation and care of the different grains is treated extensively, as well as their diseases and betterment. The other field crops are shown in the process of development as noted in the various experiments of the farm. This section of the bulletin is more profusely illustrated than any other, tho a few engravings are shown in the others. The part given to the report on botany shows some interesting data regarding weeds, their growth and eradication.—James S. Duff, Minister of Agriculture, Ontario Agricultural College, Toronto, Canada.

MOHUN ON WAREHOUSEMEN is a compilation of warehouse laws and decisions containing an annotated copy of the uniform warehouse receipts acts, the statutes of each of the states and territorial possessions pertaining to warehousemen, together with a digest of the decisions of the state, federal and territorial courts in all cases affecting warehousemen. While of special value to warehousemen storing produce and merchandise this volume by its completeness is very useful to grain warehousemen and their attorneys, covering so many collateral branches of the public warehouse business, such as grain inspection and inspectors, standard grades of grain, charges for storage, mixing of grain, special binning, grain receipts, taxation of grain, insurance of grain, state warehouse commissioners, and all the rights and duties of grain warehousemen. It is the standard work on warehousing. The arrangement of the book allots a chapter to each state, giving in each the laws pertaining to warehousemen followed by the decisions. Since the publication of the first edition, the Uniform Warehouse Receipts Act, in the drafting of which Barry Mohun, the author, assisted, has not only been approved by the Commissioners on Uniform State Laws, but has been passed by the Congress to be in force in the District of Columbia and by the legislatures of twenty-eight states. It is published under the auspices of the American Warehousemen's Ass'n, and the second edition has just been published as a volume of 1136 pages, completely revised and enlarged, by the Nickerson & Collins Co., Chicago. Cloth, \$7.50.

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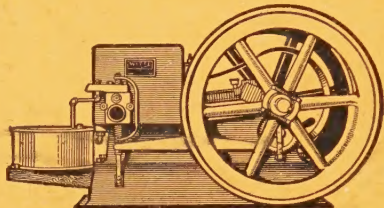
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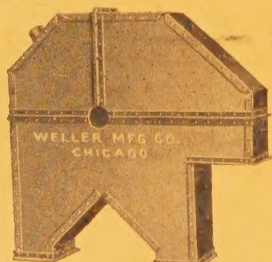
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